

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118967.D
 Acq On : 20 Feb 2020 19:13
 Operator : CG/JU
 Sample : L1592-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:10:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	185362	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	698909	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	380401	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	699310	20.00	ng	0.00
76) Chrysene-d12	13.90	240	465402	20.00	ng	0.00
87) Perylene-d12	15.33	264	463371	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1126140	101.53	ng	0.00
7) Phenol-d6	6.40	99	1338504	99.23	ng	0.00
23) Nitrobenzene-d5	7.32	82	887740	67.07	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	494520	99.38	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1763507	68.30	ng	0.00
79) Terphenyl-d14	12.86	244	2072300	76.66	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	111	0.022	ng	# 1
6) Aniline	6.42	93	610	0.037	ng	# 1
9) Benzaldehyde	6.31	77	234	0.026	ng	# 51
10) Phenol	6.41	94	17650	1.210	ng	# 58
11) bis(2-Chloroethyl)ether	6.42	93	610	0.055	ng	# 1
12) 1,3-Dichlorobenzene	6.77	146	146	0.010	ng	# 49
13) 1,4-Dichlorobenzene	6.77	146	146	0.010	ng	# 51
14) 1,2-Dichlorobenzene	6.77	146	146	0.011	ng	# 50
15) Benzyl Alcohol	6.92	79	16093	1.651	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.05	45	77	0.008	ng	# 52
17) 2-Methylphenol	6.91	107	147	0.015	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	123140	15.666	ng	# 76
20) 3+4-Methylphenols	6.91	107	147	0.012	ng	# 1
22) Acetophenone	7.17	105	497	0.031	ng	# 28
24) Nitrobenzene	7.36	77	115	0.009	ng	# 36
25) Isophorone	7.32	82	879470	38.257	ng	# 63
27) 2,4-Dimethylphenol	7.77	122	539	0.057	ng	# 3
28) bis(2-Chloroethoxy)methane	8.04	93	117	0.008	ng	# 1
31) Naphthalene	8.06	128	111	0.003	ng	# 68
32) Benzoic acid	7.77	122	539	6.748	ng	# 76
35) Caprolactam	8.45	113	120	0.035	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	146	0.013	ng	# 21
38) 1-Methylnaphthalene	9.12	142	986	0.043	ng	# 59
46) 1,1'-Biphenyl	9.21	154	5072	0.165	ng	# 95
47) 2-Chloronaphthalene	9.50	162	201	0.008	ng	# 1
48) 2-Nitroaniline	9.33	65	313	0.045	ng	# 1
49) Acenaphthylene	9.65	152	341	0.010	ng	# 61
50) Dimethylphthalate	9.50	163	132048	4.540	ng	# 98
51) 2,6-Dinitrotoluene	9.50	165	1789	0.277	ng	# 18
52) Acenaphthene	9.79	154	1524	0.071	ng	# 16
53) 3-Nitroaniline	9.81	138	140	0.020	ng	# 4
55) Dibenzofuran	10.00	168	770	0.024	ng	# 43
56) 4-Nitrophenol	9.94	139	125	0.029	ng	# 43
57) 2,4-Dinitrotoluene	10.06	165	4443	0.530	ng	# 47

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118967.D
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 Sample : L1592-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

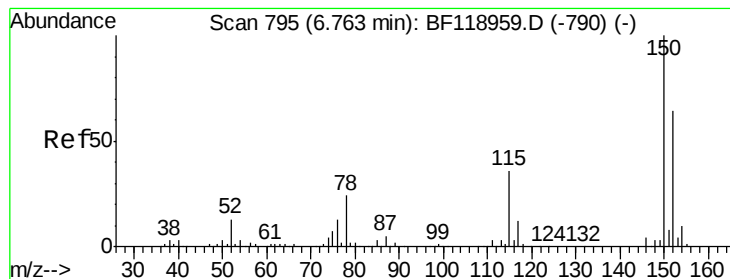
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:10:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) Fluorene	10.57	166	17891	0.715	nq	# 88
60) Diethylphthalate	10.20	149	1896	0.069	nq	# 77
62) 4-Nitroaniline	10.10	138	558	0.076	nq	# 82
63) Azobenzene	10.49	77	247	0.010	nq	# 1
65) 4,6-Dinitro-2-methylphenol	10.57	198	1245	0.294	nq	# 1
66) n-Nitrosodiphenylamine	10.57	169	13475	0.588	nq	# 48
67) 4-Bromophenyl-phenylether	10.58	248	32209	3.524	nq	# 1
71) Phenanthrene	11.28	178	1305	0.034	nq	# 44
72) Anthracene	11.34	178	478	0.013	nq	# 60
73) Carbazole	11.49	167	1699	0.050	nq	# 85
74) Di-n-butylphthalate	11.83	149	5183	0.126	nq	# 83
75) Fluoranthene	12.48	202	514	0.013	nq	# 18
77) Benzidine	12.86	184	28211	1.490	nq	# 95
78) Pyrene	12.71	202	605	0.016	nq	# 56
80) Butylbenzylphthalate	13.32	149	621	0.039	nq	# 1
81) Benzo(a)anthracene	13.90	228	2923	0.092	nq	# 63
82) 3,3'-Dichlorobenzidine	13.75	252	345	0.028	nq	# 1
83) Chrysene	13.90	228	2923	0.093	nq	# 61
84) Bis(2-ethylhexyl)phthalate	13.89	149	5414	0.272	nq	# 74
85) Di-n-octyl phthalate	14.49	149	678	0.021	nq	# 74
86) Indeno(1,2,3-cd)pyrene	16.74	276	572	0.019	nq	# 35
88) Benzo(b)fluoranthene	14.92	252	701	0.023	nq	# 5
89) Benzo(k)fluoranthene	14.96	252	524	0.019	nq	# 1
90) Benzo(a)pyrene	15.27	252	245	0.009	nq	# 1
92) Benzo(g,h,i)perylene	17.16	276	660	0.028	nq	# 54

(#) = qualifier out of range (m) = manual integration (+) = signals summed

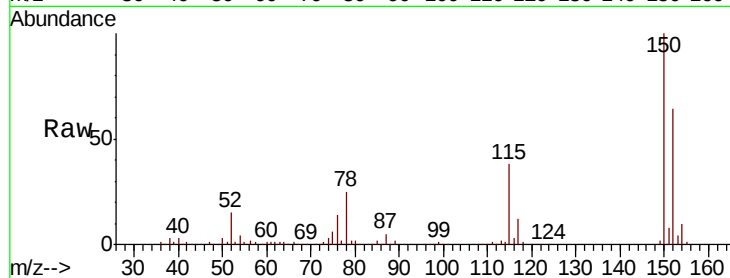


#1

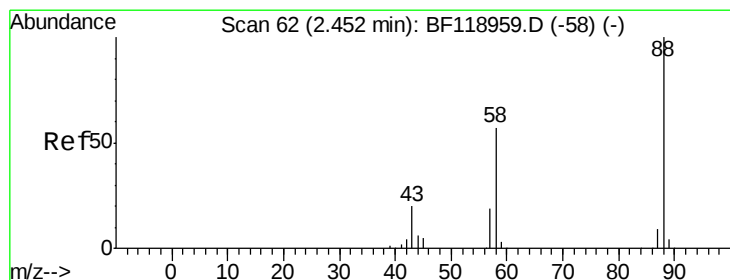
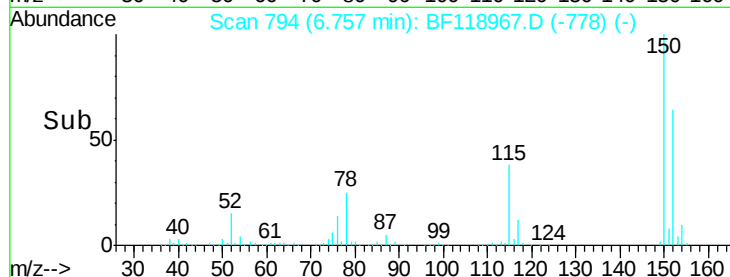
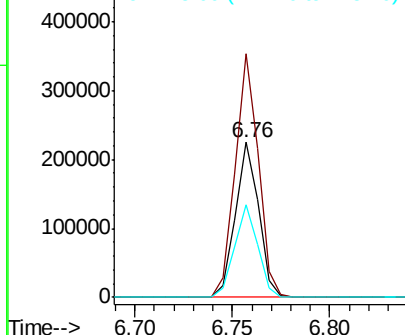
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 185362
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 60.0 44.6 67.0



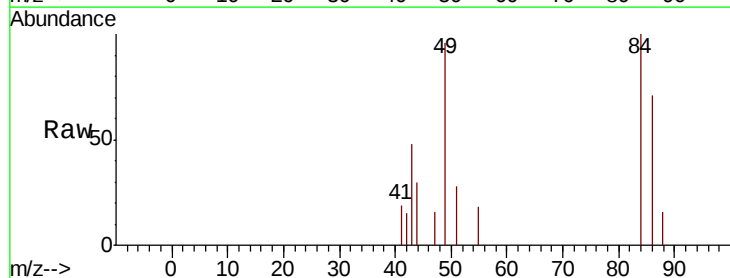
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



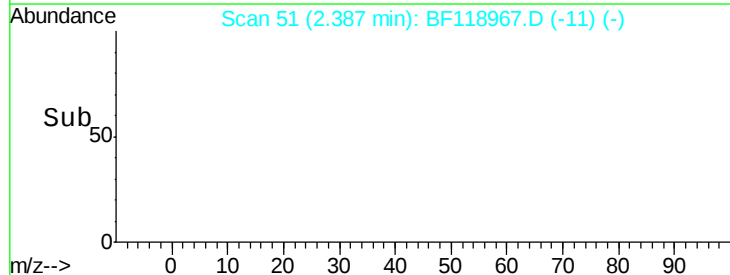
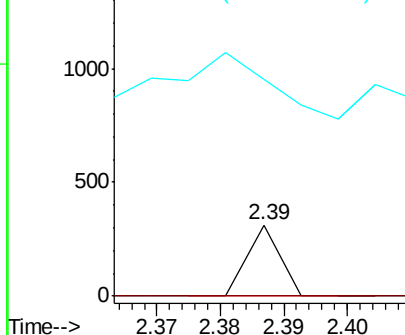
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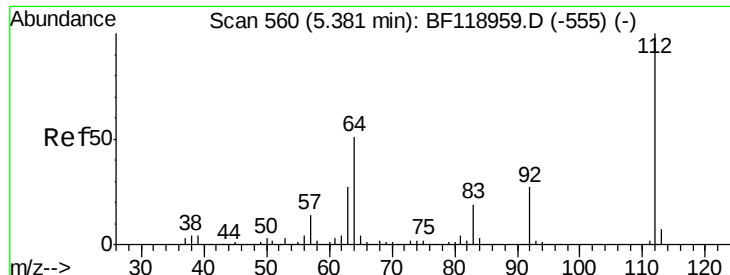
1,4-Dioxane
Concen: 0.022 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.06 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 0.0 44.6 66.8#
43 191.9 16.0 24.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 101.530 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampled :

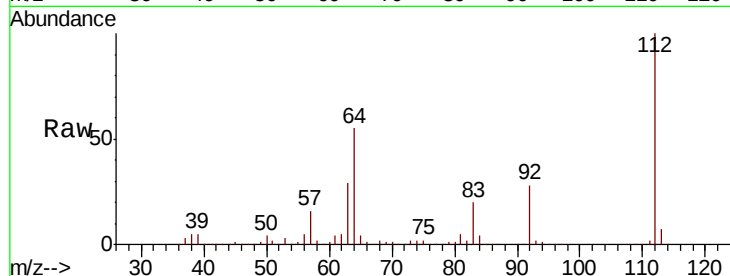
Tot Ion:112 Resp: 1126140

Ion Ratio Lower Upper

112 100

64 54.9 40.4 60.6

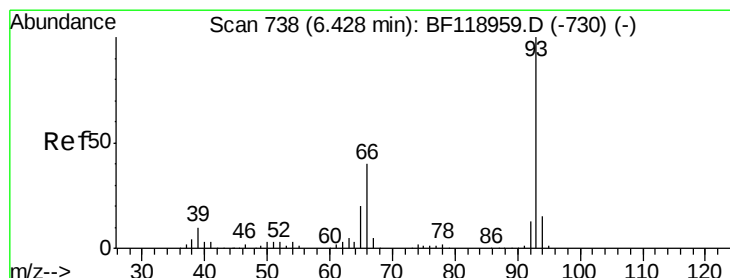
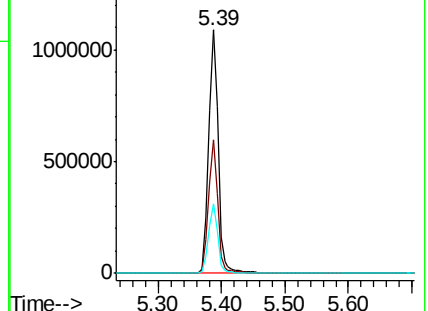
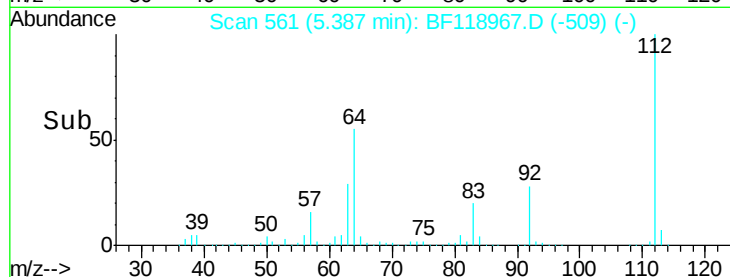
63 28.8 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.037 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

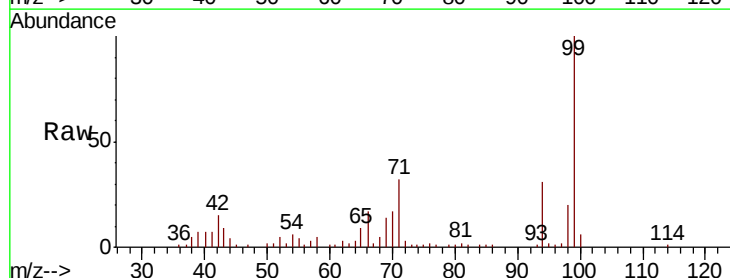
Tgt Ion: 93 Resp: 610

Ion Ratio Lower Upper

93 100

66 1631.7 32.2 48.2#

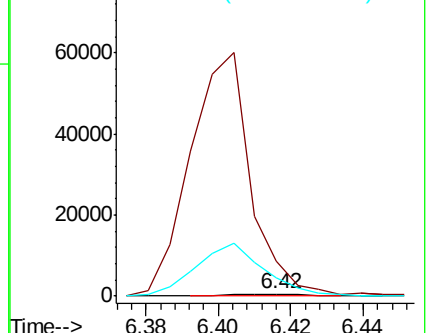
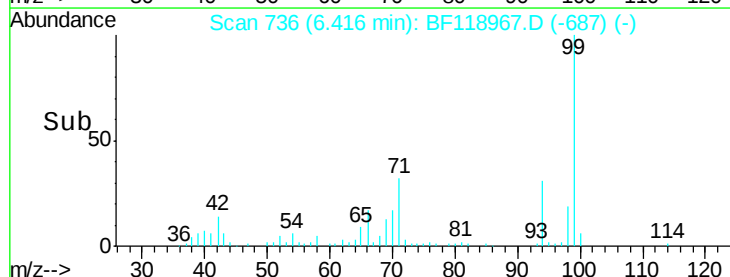
65 848.4 16.1 24.1#

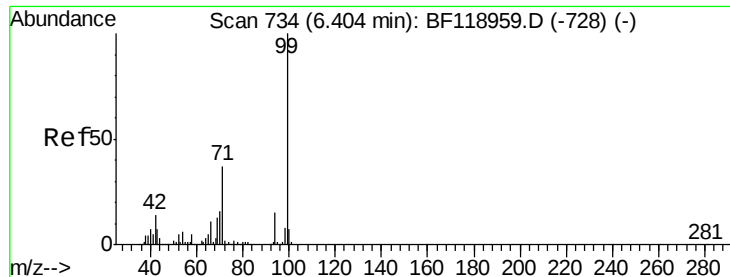


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.225 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

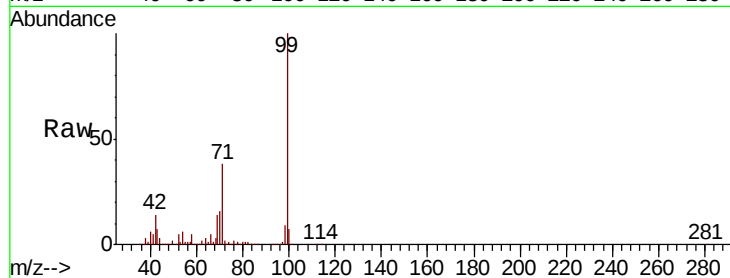
Tot Ion: 99 Resp: 1338504

Ion Ratio Lower Upper

99 100

42 14.1 11.4 17.0

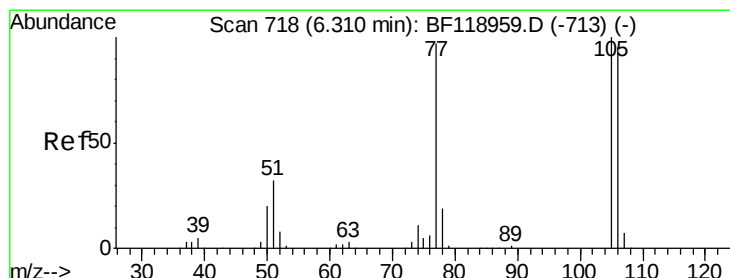
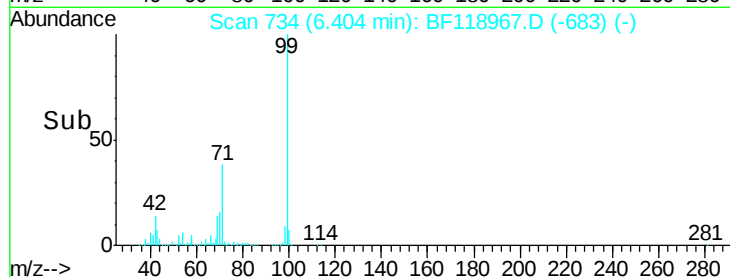
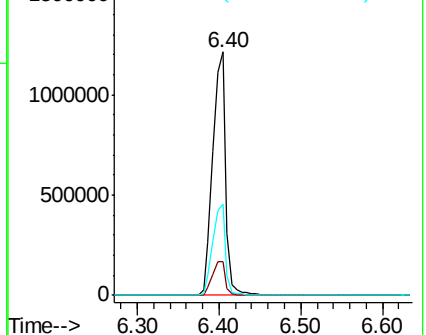
71 37.7 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.026 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

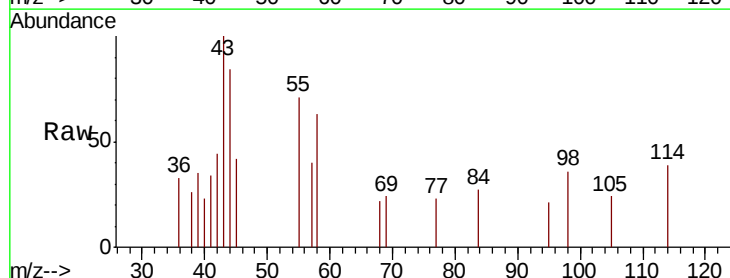
Tgt Ion: 77 Resp: 234

Ion Ratio Lower Upper

77 100

105 103.9 83.0 123.0

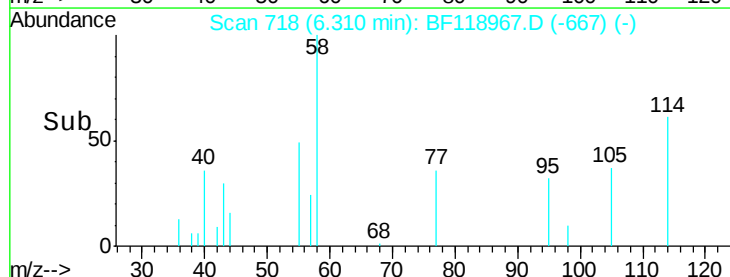
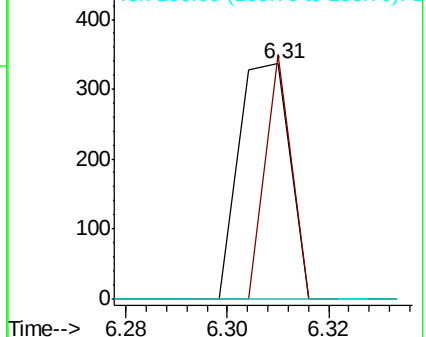
106 0.0 78.3 118.3#

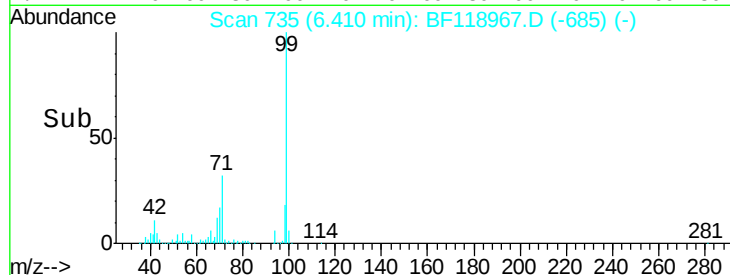
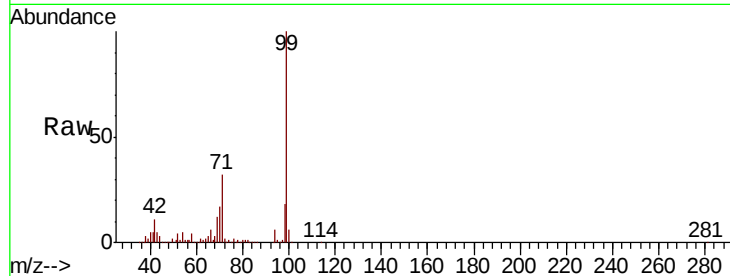
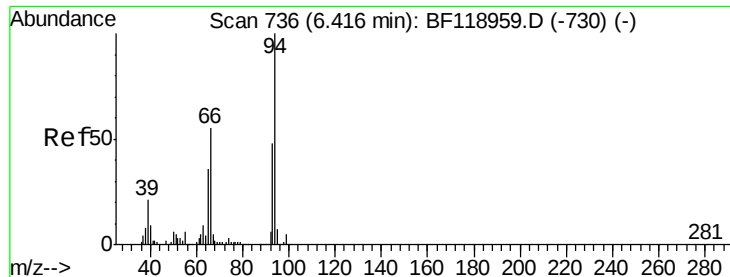


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 1.210 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

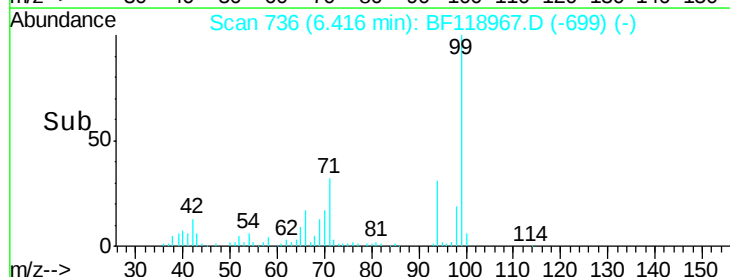
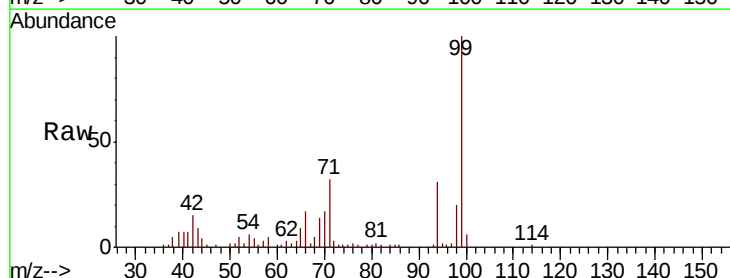
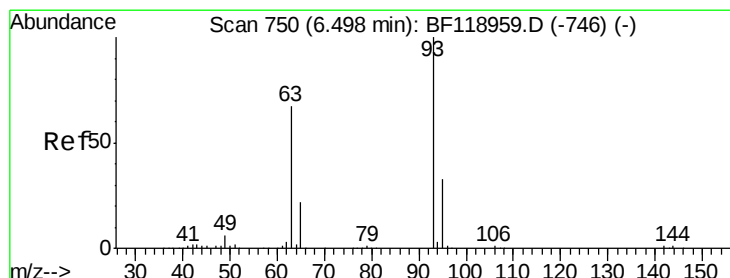
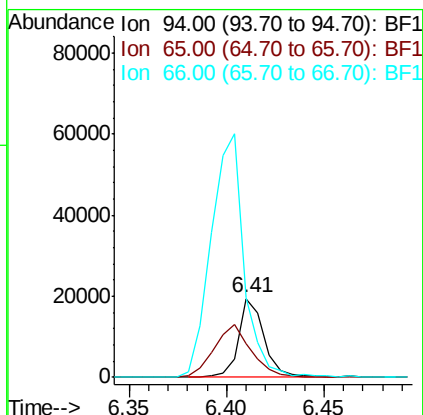
Tot Ion: 94 Resp: 17650

Ion Ratio Lower Upper

94 100

65 42.9 15.5 55.5

66 100.2 35.6 75.6#



#11

bis(2-Chloroethyl)ether

Concen: 0.055 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.08 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

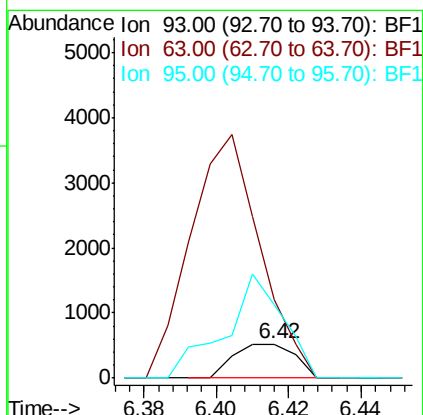
Tgt Ion: 93 Resp: 610

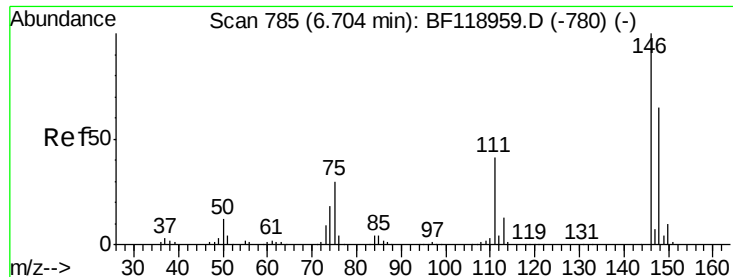
Ion Ratio Lower Upper

93 100

63 230.0 46.8 86.8#

95 215.5 12.7 52.7#

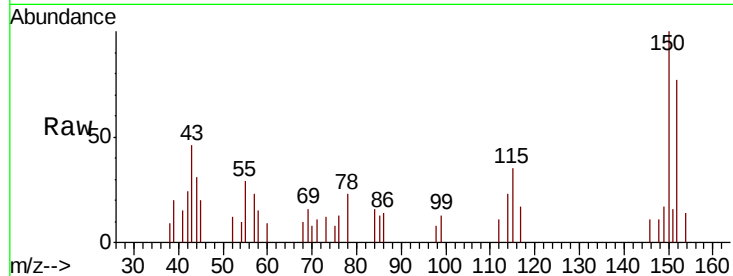




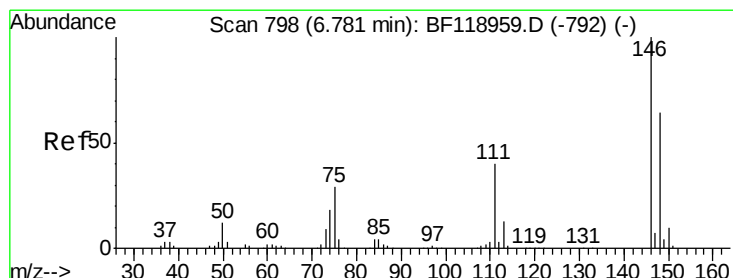
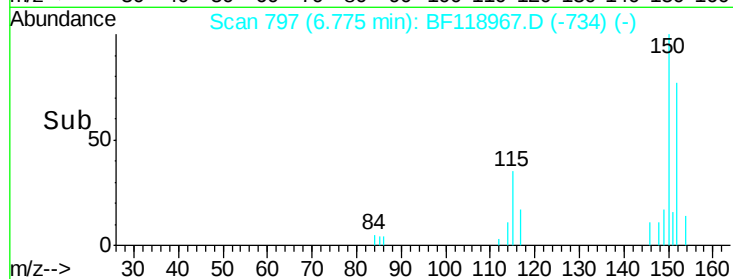
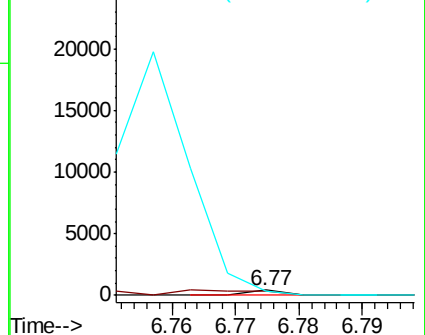
#12
 1,3-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.07 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 146
 Ion Ratio Lower Upper
 146 100
 148 94.7 51.7 77.5#
 75 72.3 23.6 35.4#

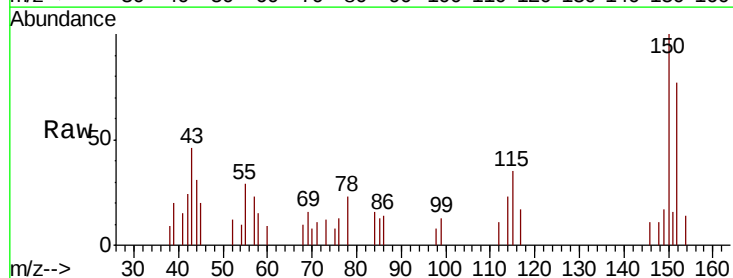


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

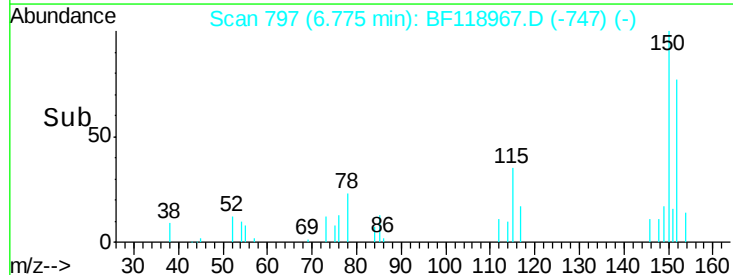
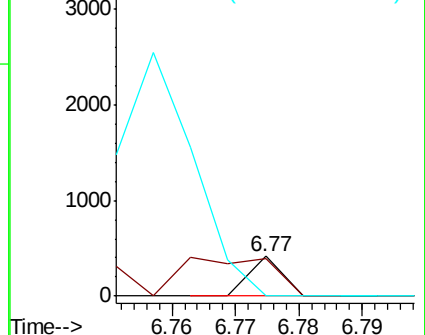


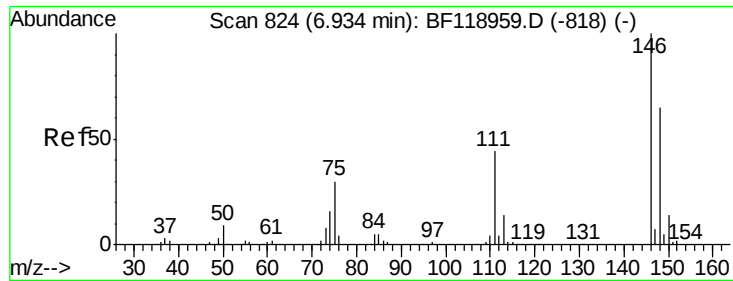
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Tgt Ion:146 Resp: 146
 Ion Ratio Lower Upper
 146 100
 148 94.7 51.4 77.2#
 111 0.0 31.9 47.9#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

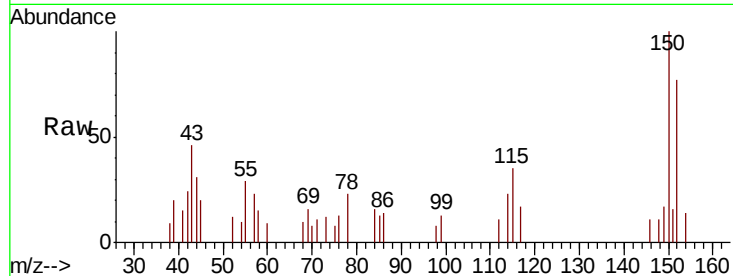




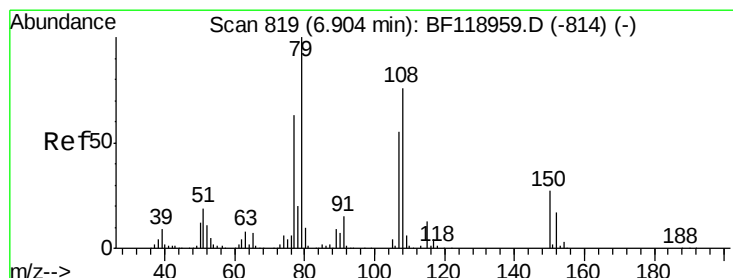
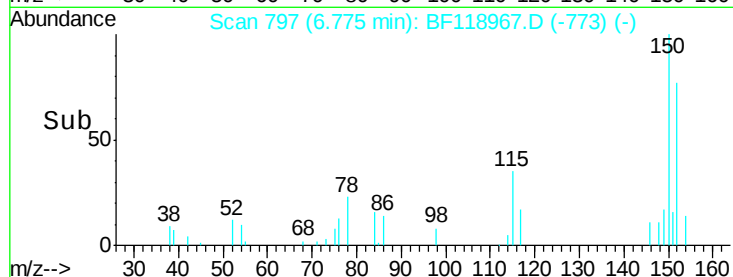
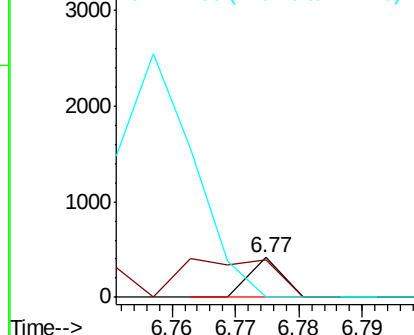
#14
1,2-Dichlorobenzene
Concen: 0.011 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.16 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 146
Ion Ratio Lower Upper
146 100
148 94.7 52.1 78.1#
111 0.0 35.5 53.3#

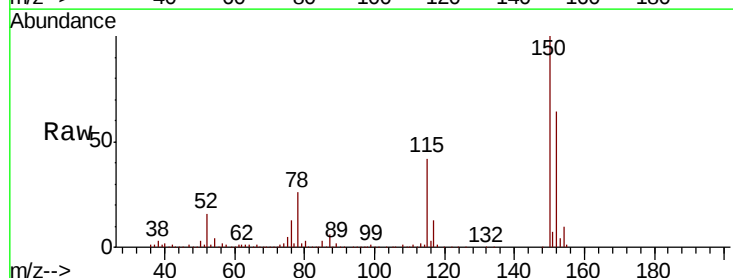


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

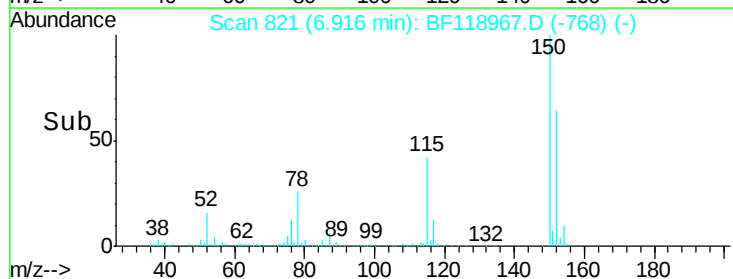
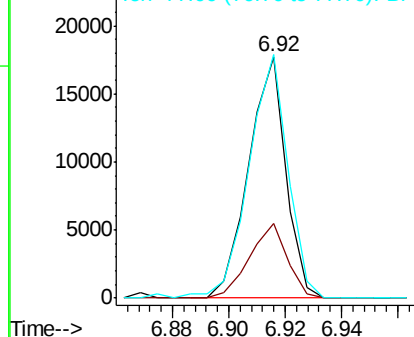


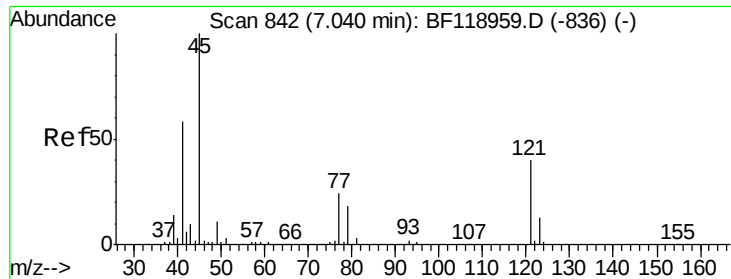
#15
Benzyl Alcohol
Concen: 1.651 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion: 79 Resp: 16093
Ion Ratio Lower Upper
79 100
108 31.0 61.1 91.7#
77 100.9 50.2 75.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

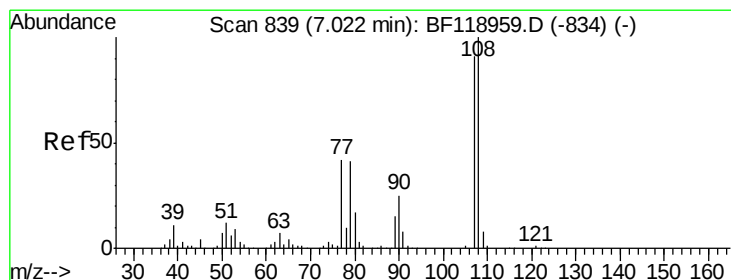
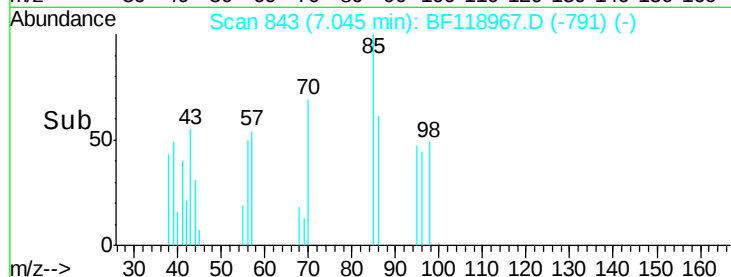
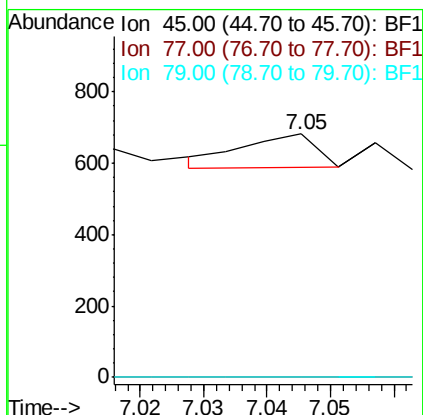
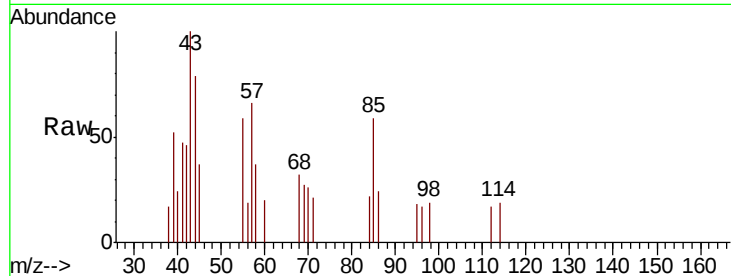




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.008 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

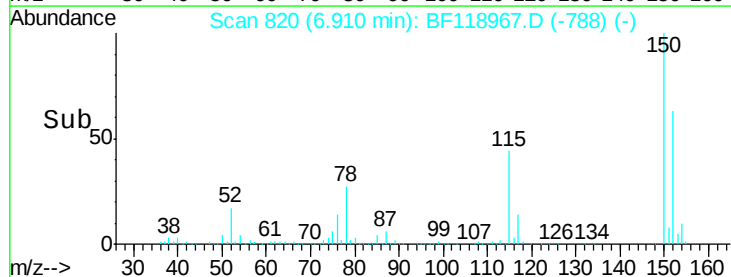
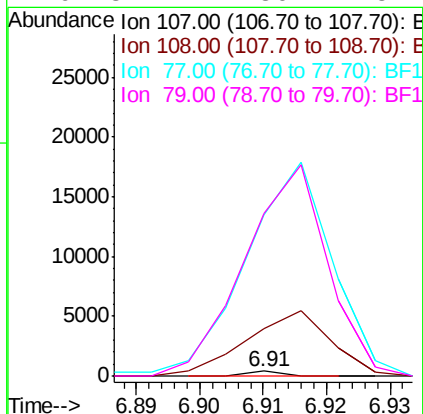
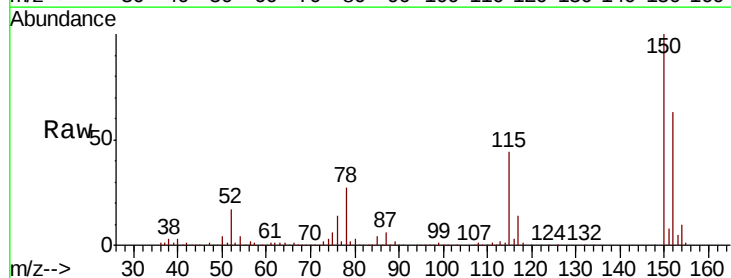
Instrument :
BNA_F
ClientSampleId :

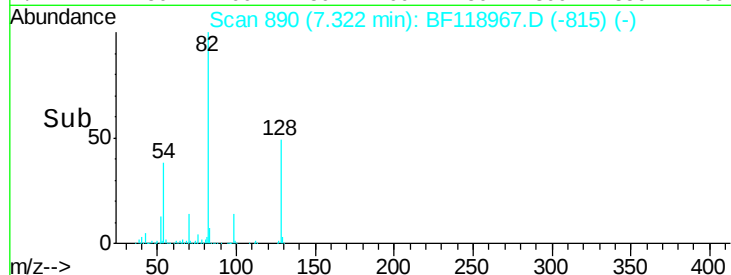
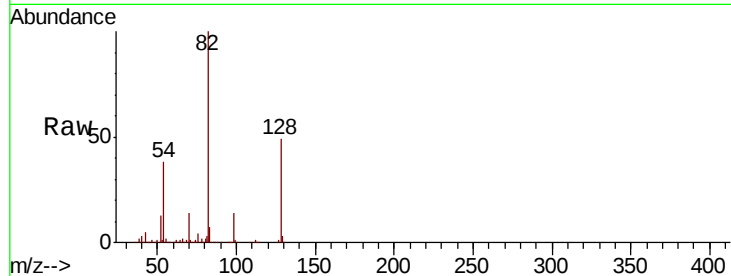
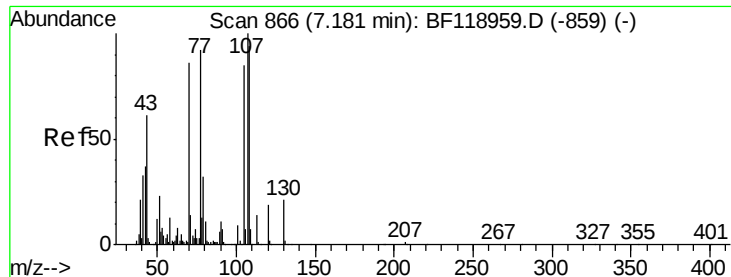
Tot Ion: 45 Resp: 77
Ion Ratio Lower Upper
45 100
77 0.0 6.1 46.1#
79 0.0 0.5 40.5#



#17
2-Methylphenol
Concen: 0.015 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.11 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion: 107 Resp: 147
Ion Ratio Lower Upper
107 100
108 962.8 87.7 131.5#
77 3242.0 36.8 55.2#
79 3271.2 36.4 54.6#

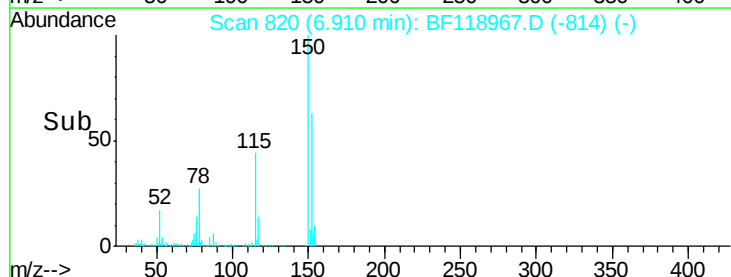
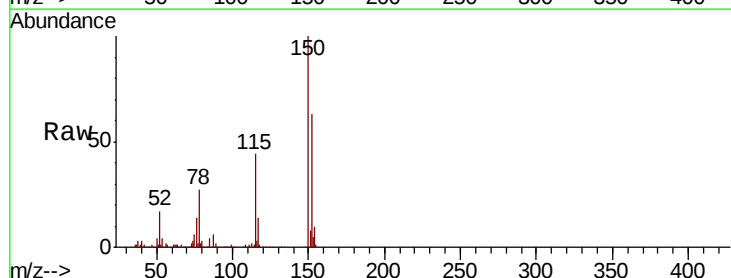
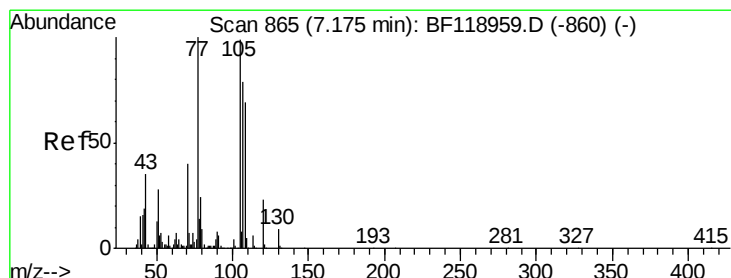
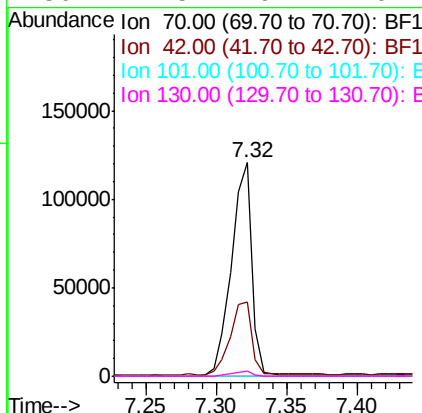




#19
n-Nitroso-di-n-propylamine
Concen: 15.666 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

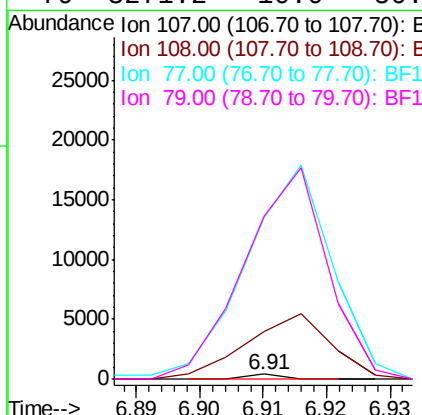
Instrument :
BNA_F
ClientSampleId :

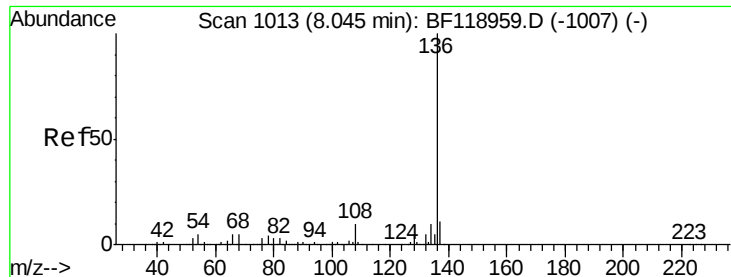
Tot Ion:	70	Resp:	123140
Ion	Ratio	Lower	Upper
70	100		
42	35.0	34.6	51.8
101	0.0	8.1	12.1#
130	2.5	19.4	29.2#



#20
3+4-Methylphenols
Concen: 0.012 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.26 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion:	107	Resp:	147
Ion	Ratio	Lower	Upper
107	100		
108	962.8	67.0	107.0#
77	3242.0	106.2	146.2#
79	3271.2	10.0	50.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 698909

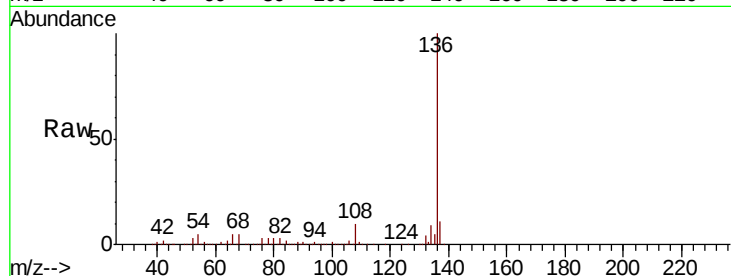
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 4.7 3.8 5.6

68 5.0 4.2 6.2

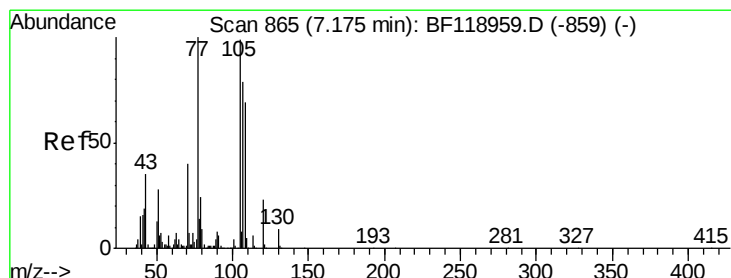
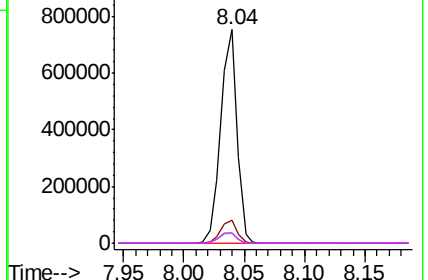
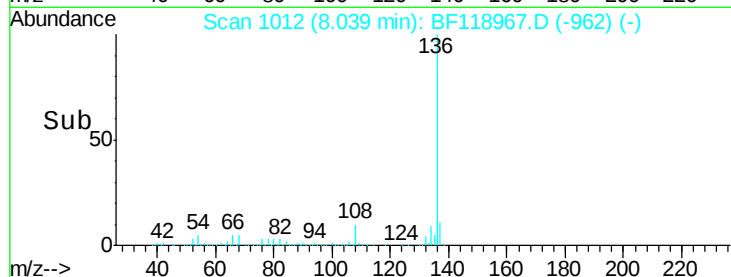


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.031 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Tgt Ion:105 Resp: 497

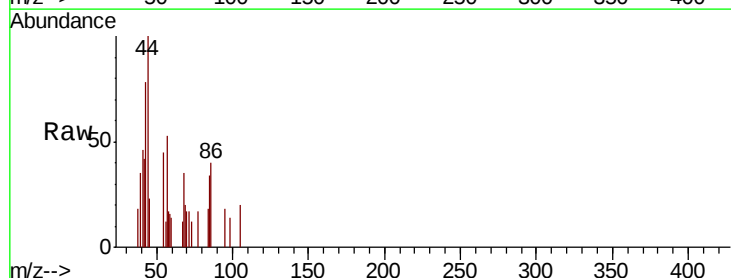
Ion Ratio Lower Upper

105 100

71 85.7 5.4 8.0#

51 0.0 22.5 33.7#

120 0.0 18.4 27.6#

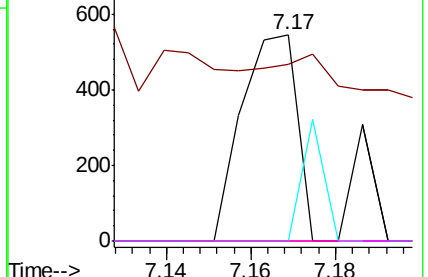
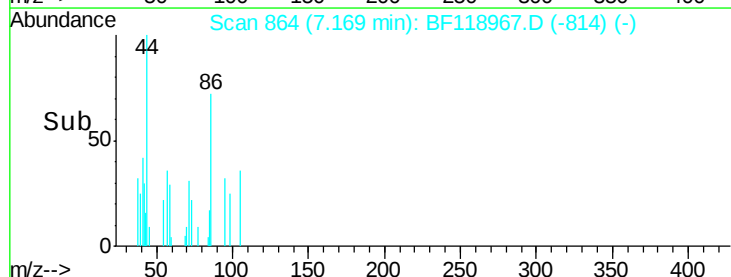


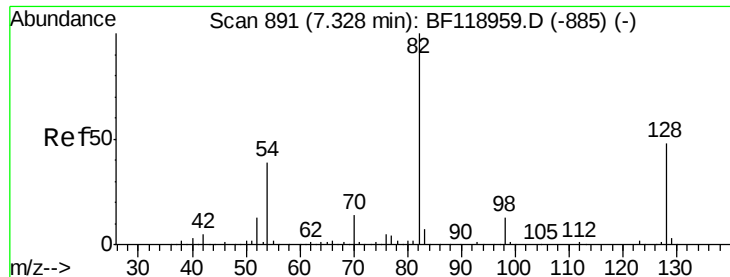
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

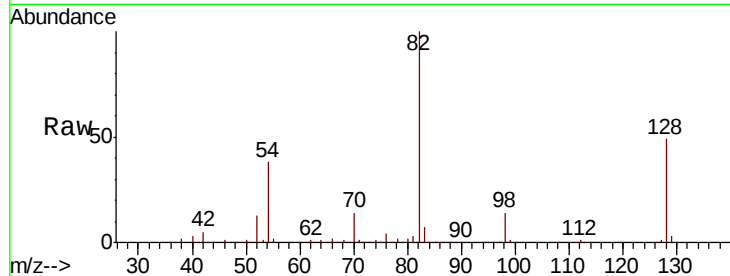




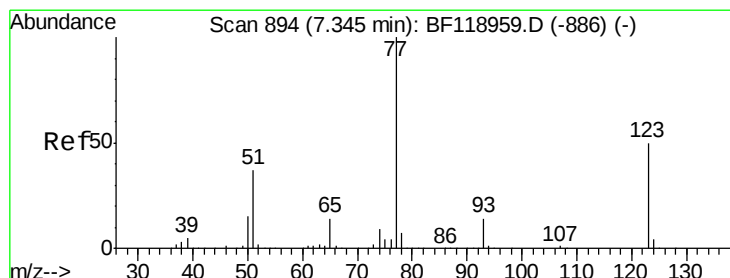
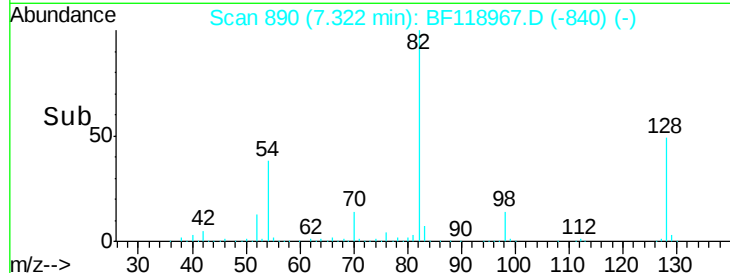
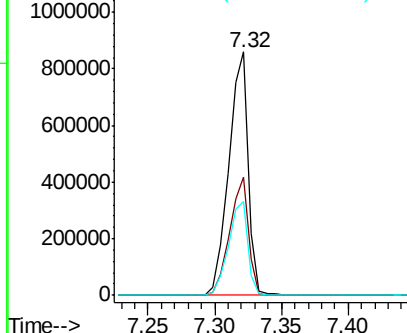
#23
 Nitrobenzene-d5
 Concen: 67.066 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	887740
Ion Ratio	100	Lower	Upper
128	48.7	38.2	57.2
54	38.4	31.3	46.9

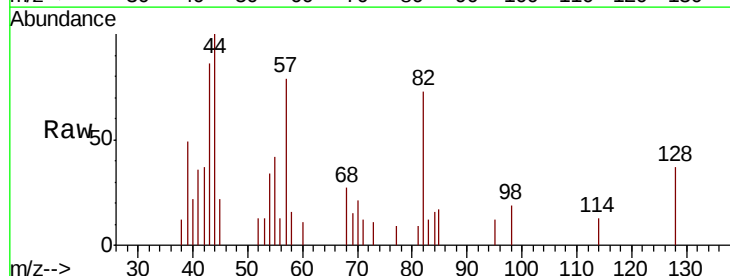


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

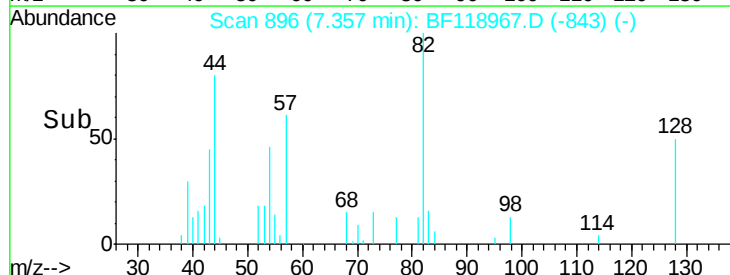
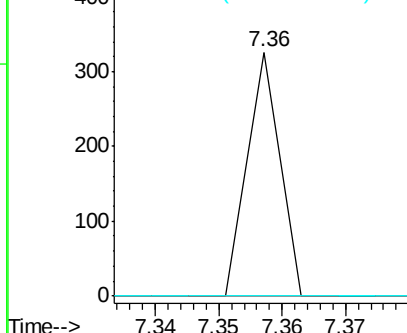


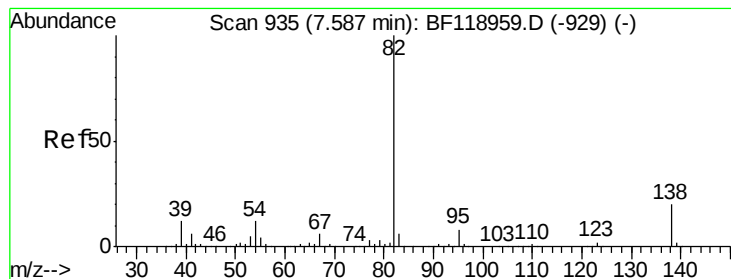
#24
 Nitrobenzene
 Concen: 0.009 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Tgt Ion	77	Resp	115
Ion Ratio	100	Lower	Upper
123	0.0	40.1	60.1#
65	0.0	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.257 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampled :

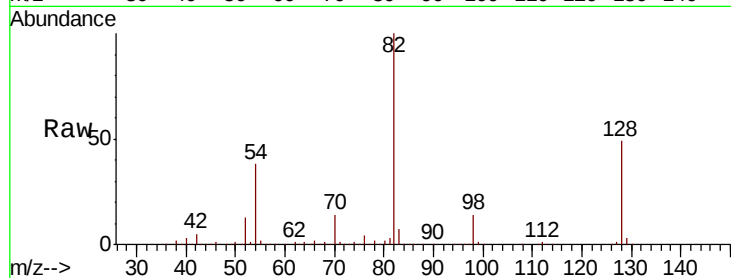
Tot Ion: 82 Resp: 879470

Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

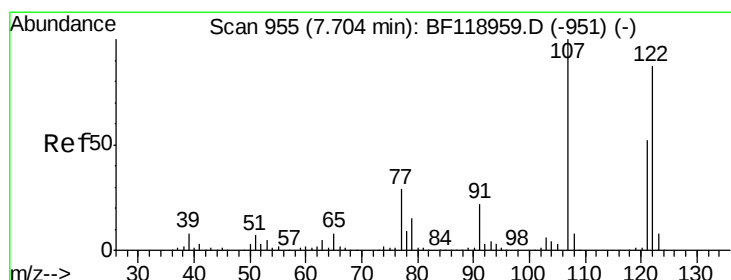
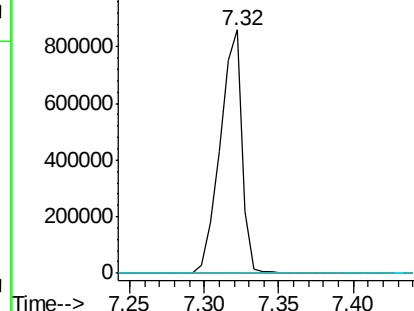
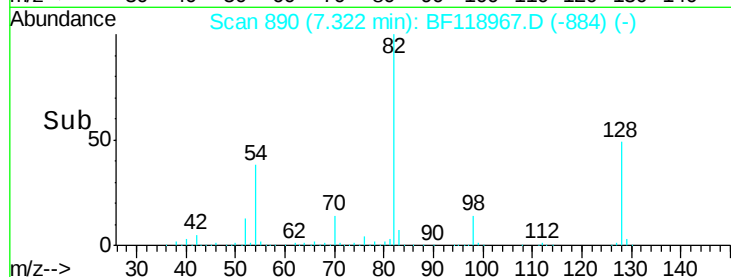
138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.057 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.07 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

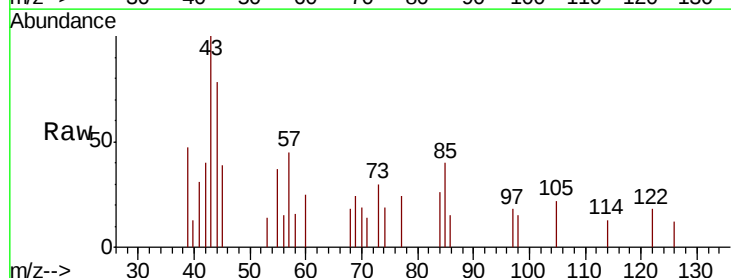
Tgt Ion: 122 Resp: 539

Ion Ratio Lower Upper

122 100

107 0.0 91.8 137.8#

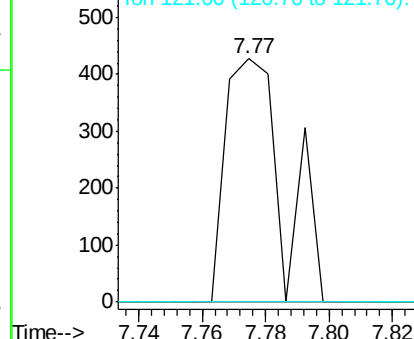
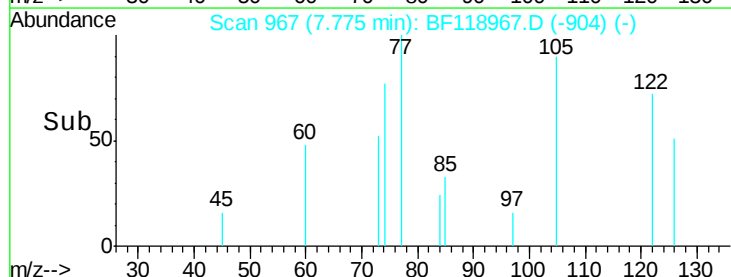
121 0.0 47.4 71.0#

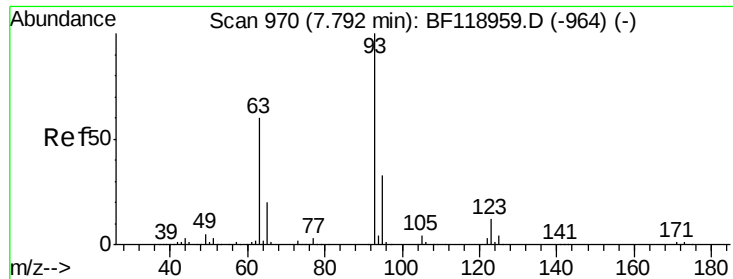


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

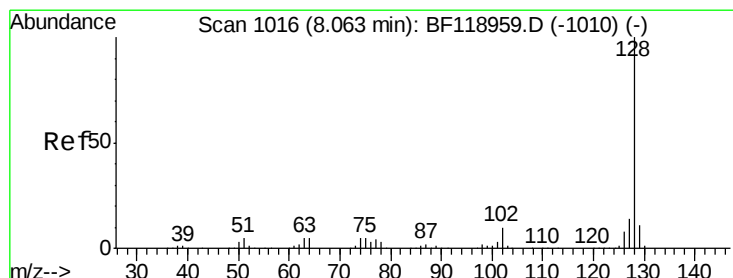
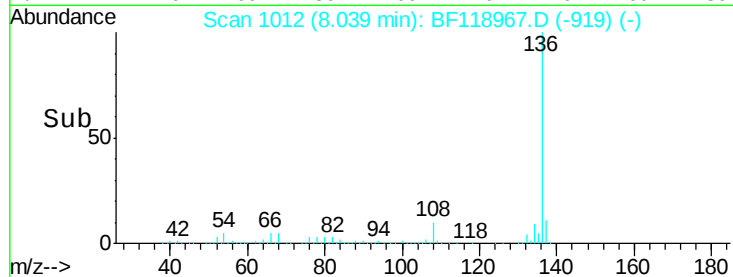
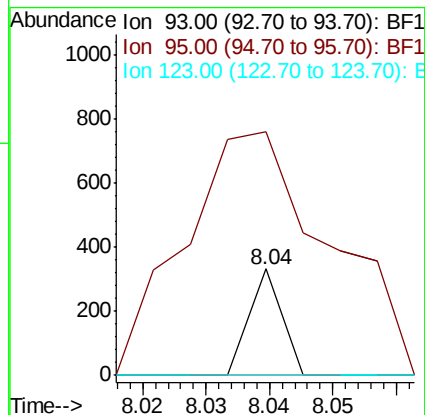
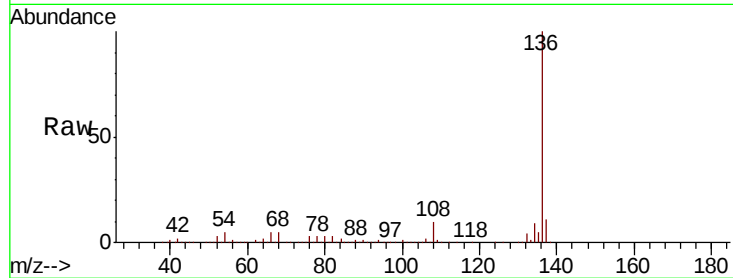




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.25 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

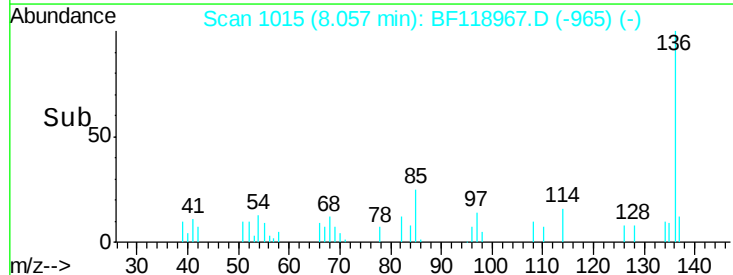
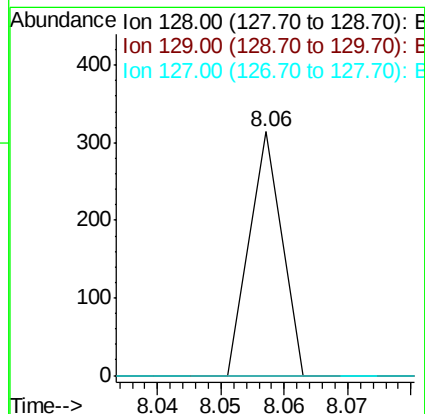
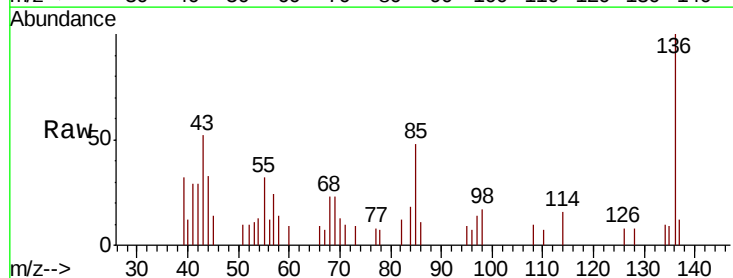
Instrument :
BNA_F
ClientSampleId :

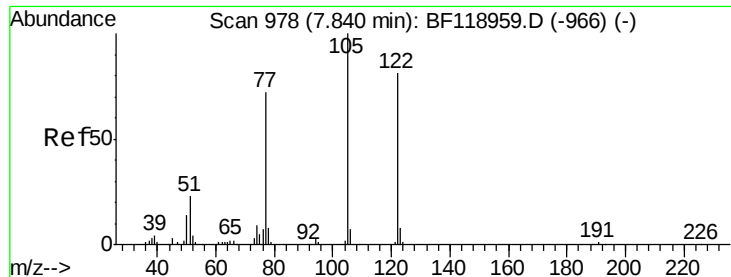
Tot Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
95 228.6 26.3 39.5#
123 0.0 9.8 14.8#



#31
Naphthalene
Concen: 0.003 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion: 128 Resp: 111
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.9 16.3#

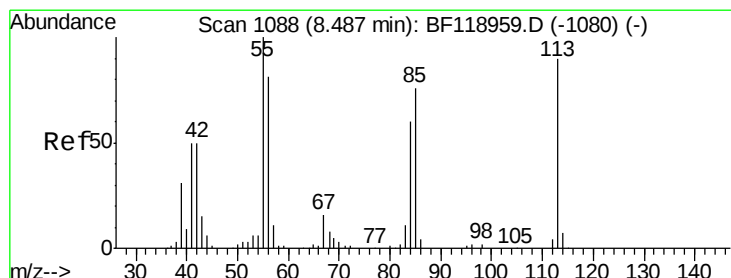
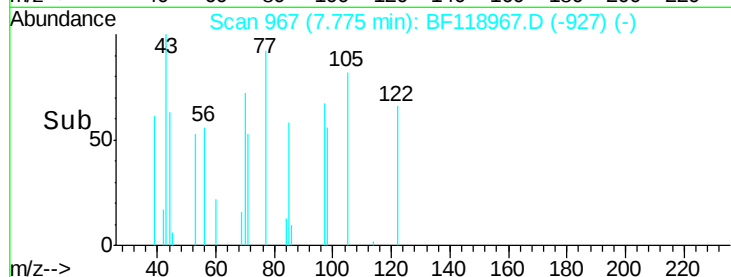
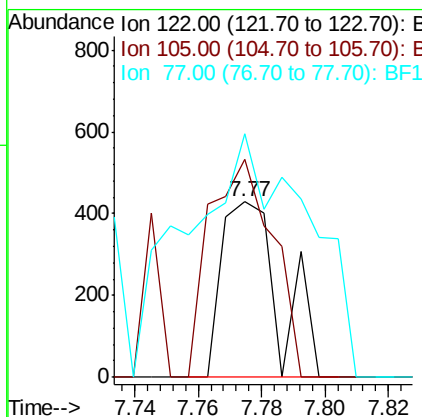
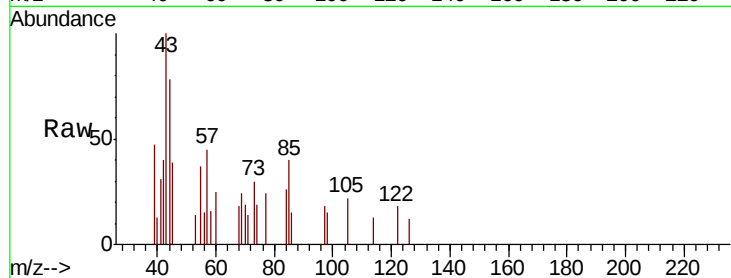




#32
Benzoic acid
Concen: 6.748 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

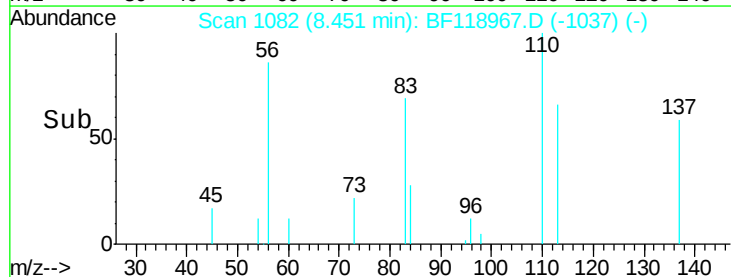
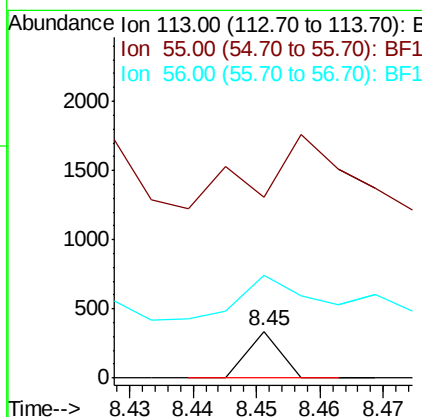
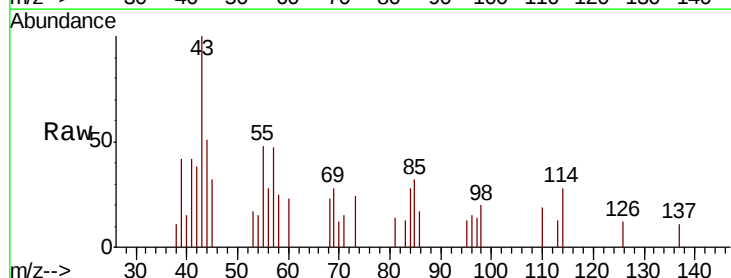
Instrument :
BNA_F
ClientSampled :

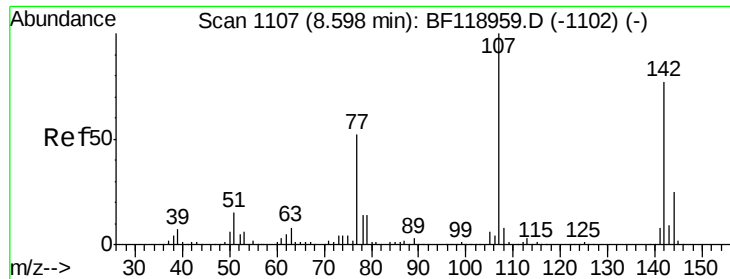
Tot Ion:122 Resp: 539
Ion Ratio Lower Upper
122 100
105 124.5 102.2 142.2
77 139.0 68.6 108.6#



#35
Caprolactam
Concen: 0.035 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion:113 Resp: 120
Ion Ratio Lower Upper
113 100
55 384.4 90.8 130.8#
56 219.7 70.0 110.0#

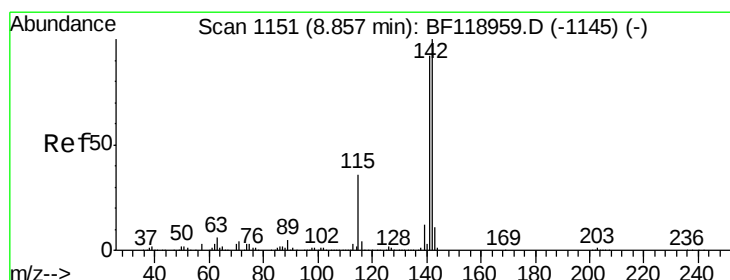
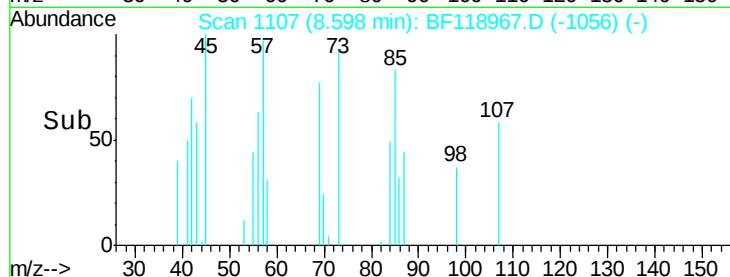
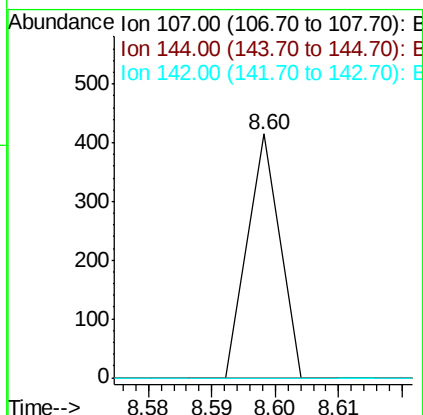
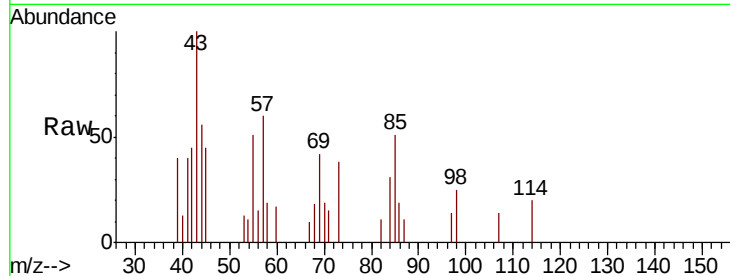




#36
 4-Chloro-3-methylphenol
 Concen: 0.013 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

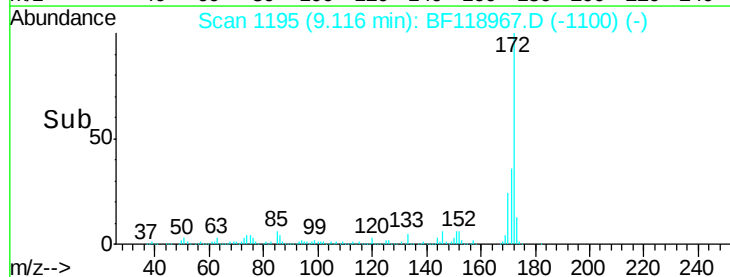
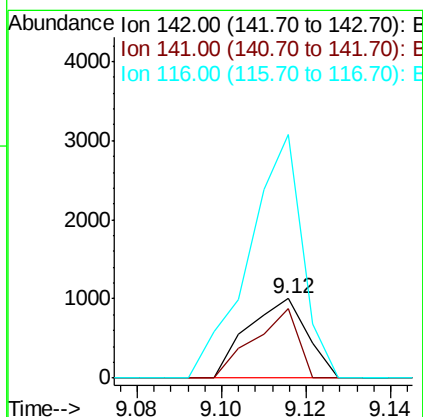
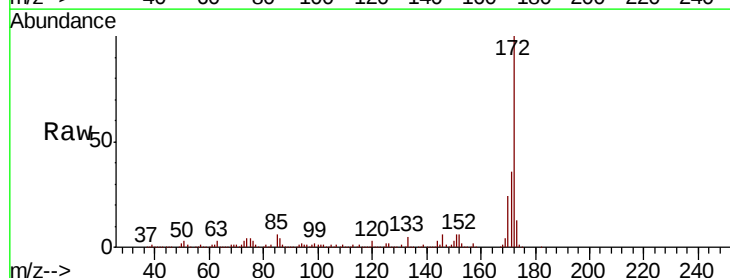
Instrument :
 BNA_F
 ClientSampled :

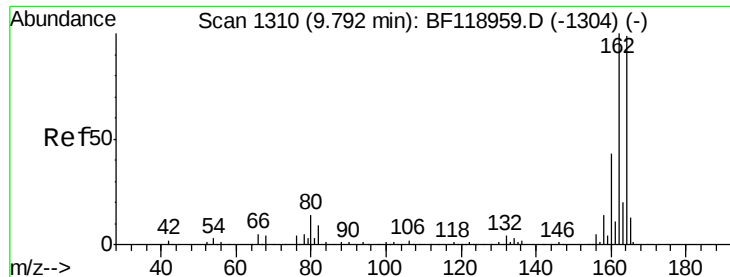
Tot Ion:107 Resp: 146
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.8#
 142 0.0 61.3 91.9#



#38
 1-Methylnaphthalene
 Concen: 0.043 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.26 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Tgt Ion:142 Resp: 986
 Ion Ratio Lower Upper
 142 100
 141 88.1 73.7 110.5
 116 307.2 3.0 4.6#

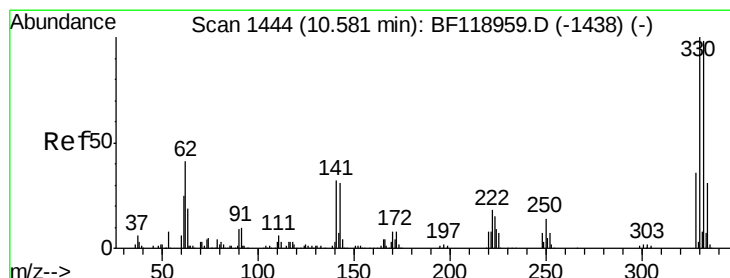
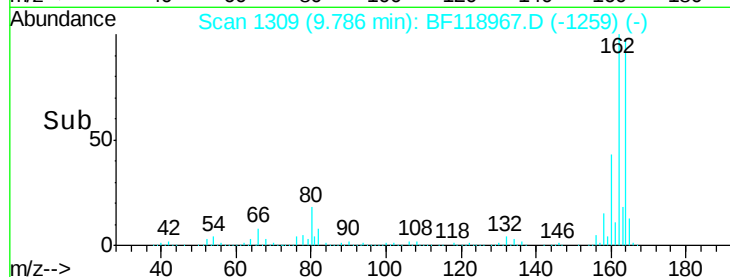
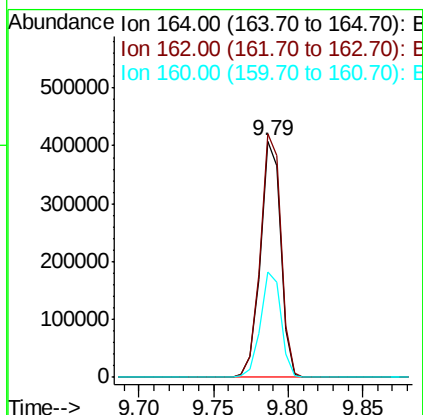
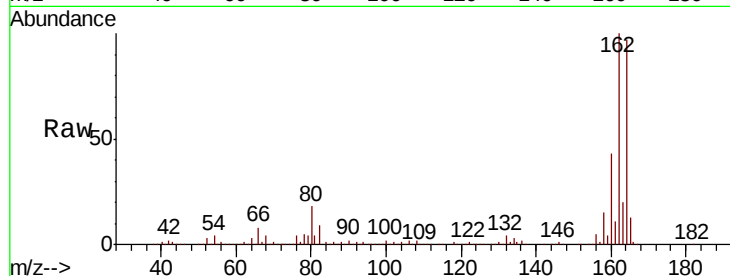




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

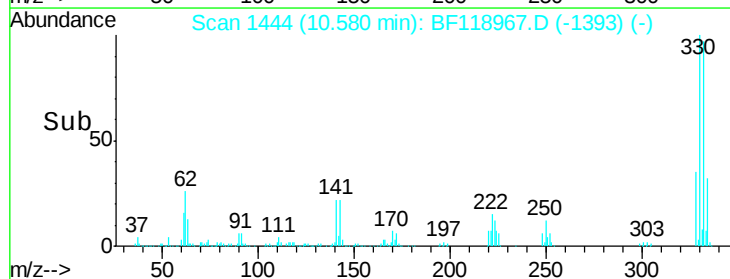
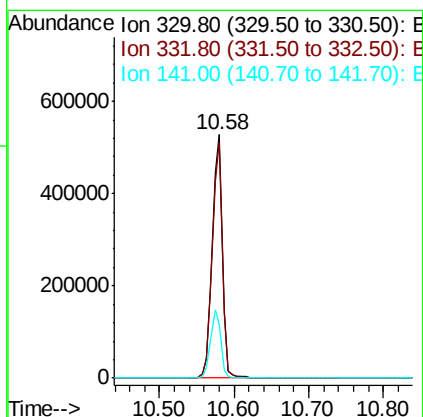
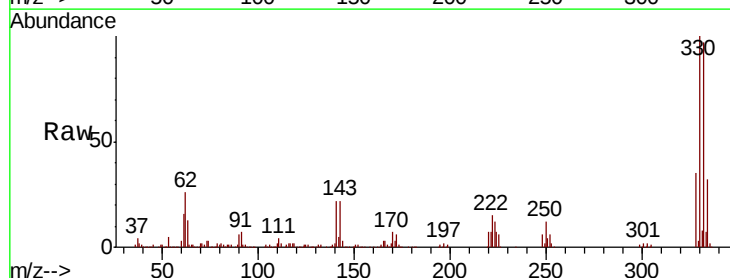
Instrument :
 BNA_F
 ClientSampleId :

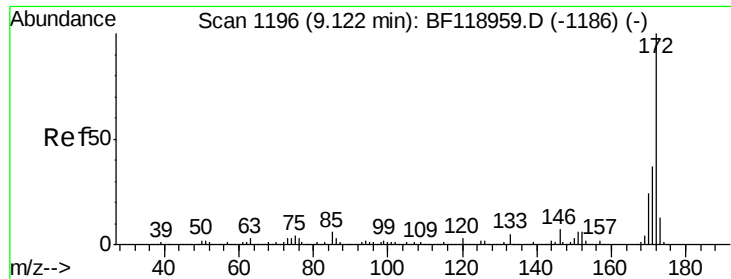
Tot Ion:164 Resp: 380401
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.2 121.8
 160 44.6 35.2 52.8



#42
 2,4,6-Tribromophenol
 Concen: 99.375 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Tgt Ion:330 Resp: 494520
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 28.5 23.0 34.6

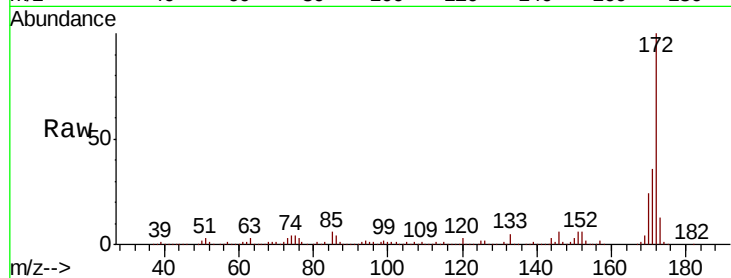




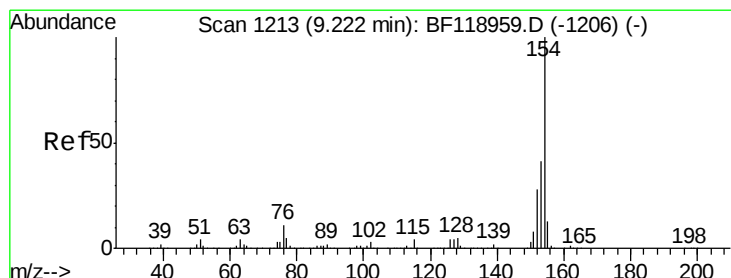
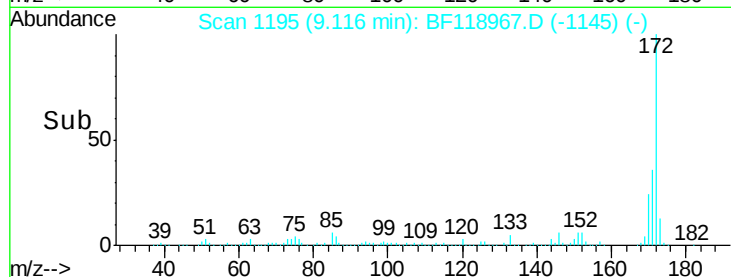
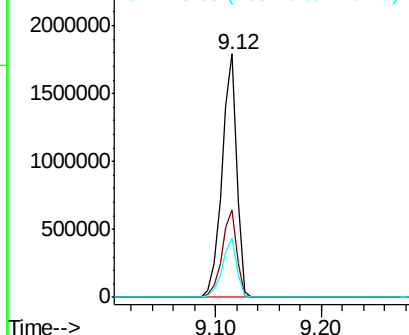
#45
2-Fluorobiphenyl
Concen: 68.295 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1763507
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.2
170 24.1 19.6 29.4

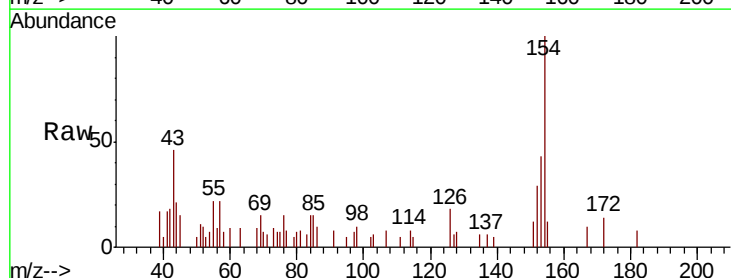


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

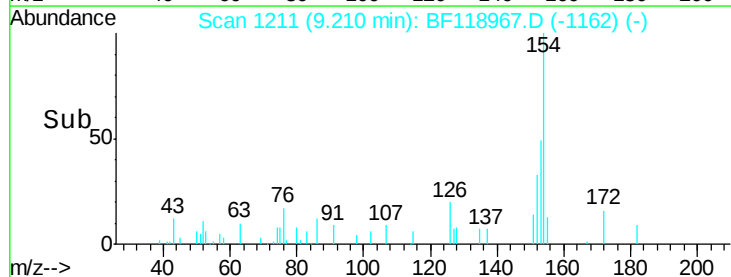
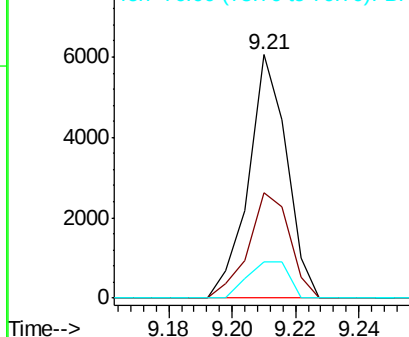


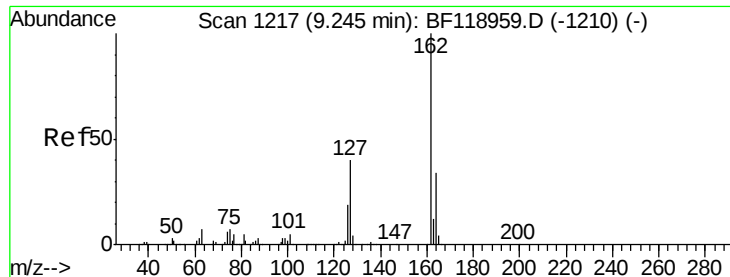
#46
1,1'-Biphenyl
Concen: 0.165 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion:154 Resp: 5072
Ion Ratio Lower Upper
154 100
153 43.4 21.2 61.2
76 14.8 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

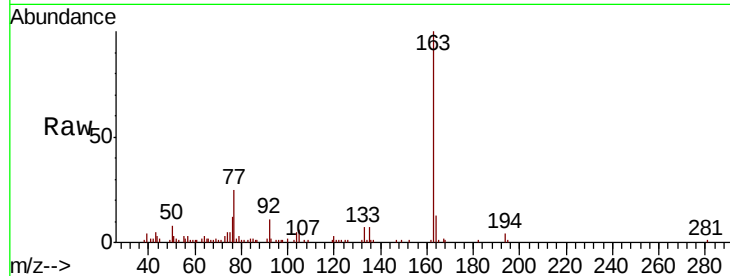




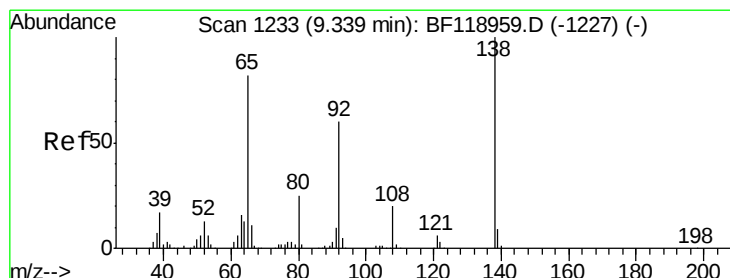
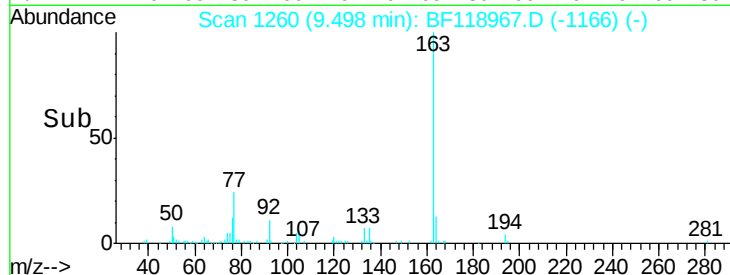
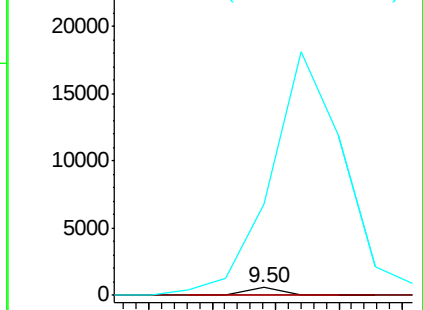
#47
2-Chloronaphthalene
Concen: 0.008 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.25 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 201
Ion Ratio Lower Upper
162 100
127 0.0 31.9 47.9#
164 1189.6 26.8 40.2#

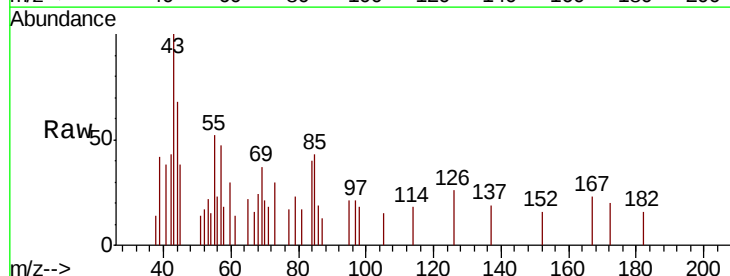


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

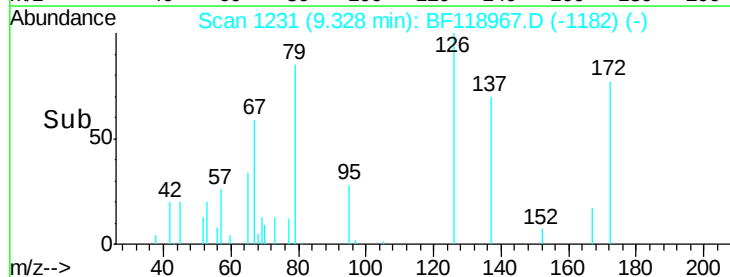
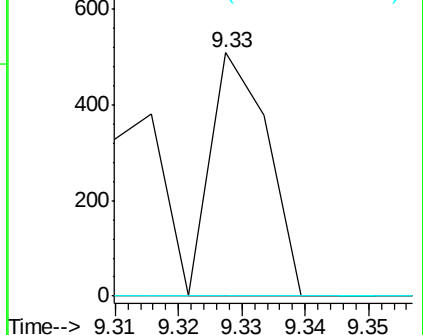


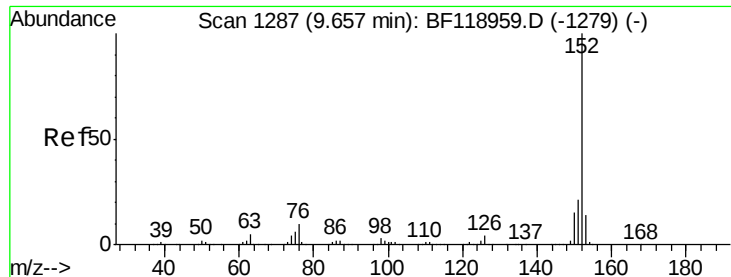
#48
2-Nitroaniline
Concen: 0.045 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion: 65 Resp: 313
Ion Ratio Lower Upper
65 100
92 0.0 58.6 87.8#
138 0.0 97.5 146.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.010 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampled :

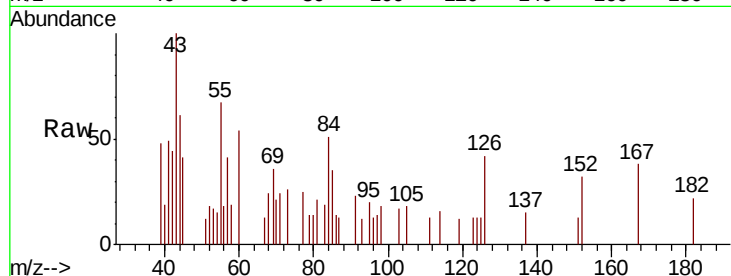
Tot Ion:152 Resp: 341

Ion Ratio Lower Upper

152 100

151 40.5 16.7 25.1#

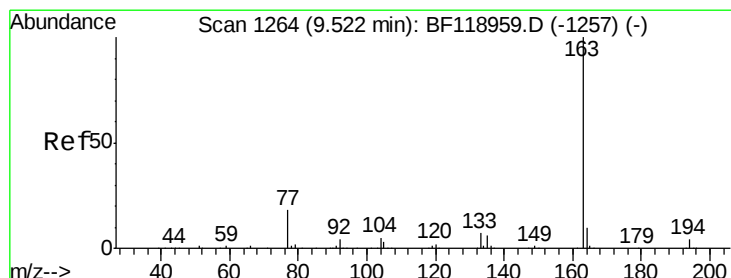
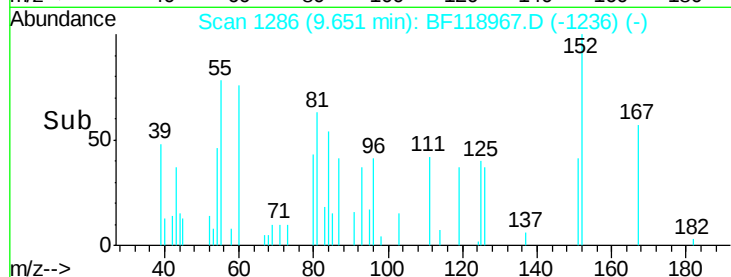
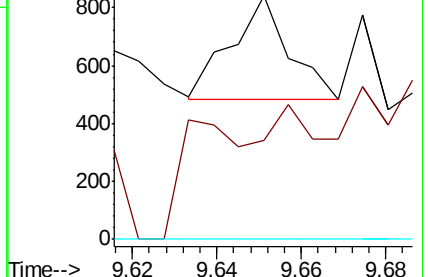
153 0.0 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.540 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

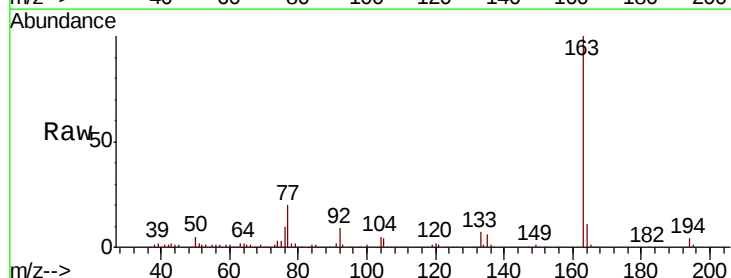
Tgt Ion:163 Resp: 132048

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

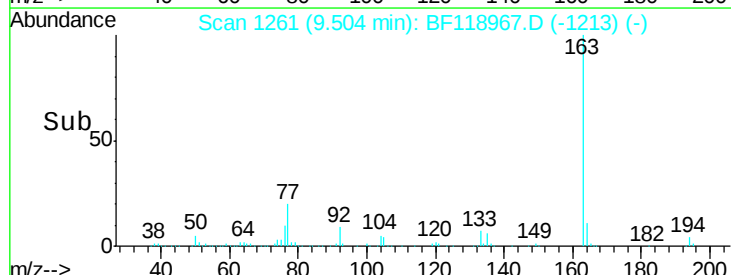
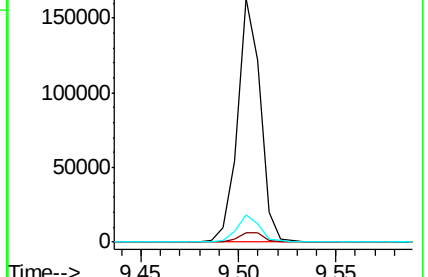
164 11.1 8.2 12.2

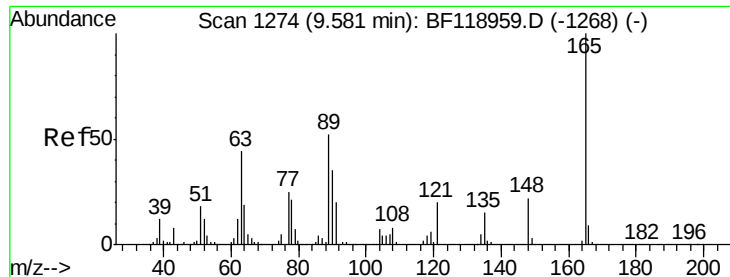


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.277 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.08 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

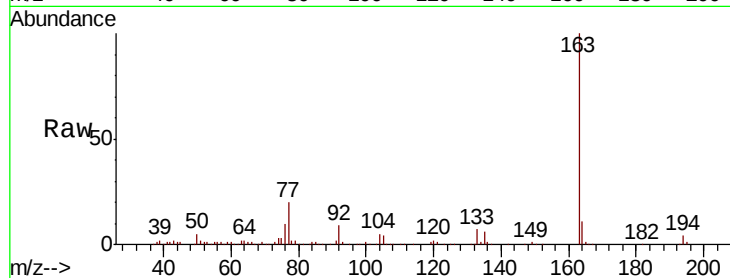
Tot Ion:165 Resp: 1789

Ion Ratio Lower Upper

165 100

63 130.3 37.9 56.9#

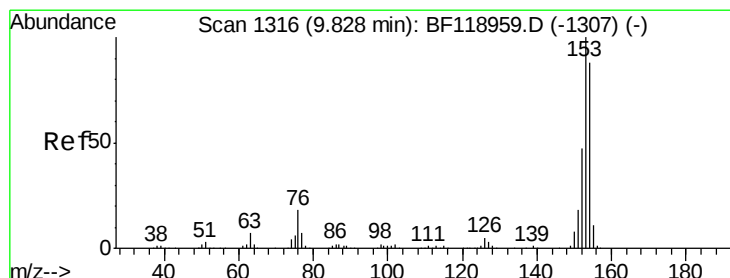
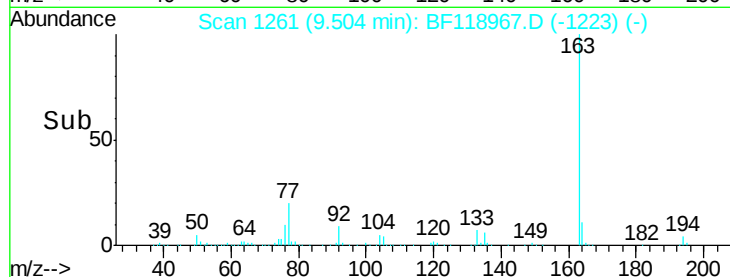
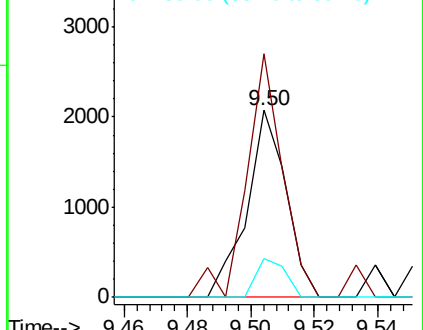
89 20.5 41.4 62.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.071 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.04 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

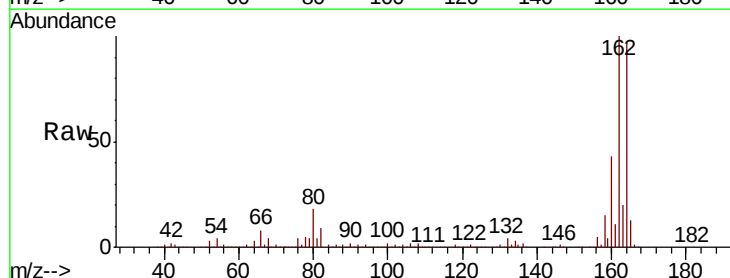
Tgt Ion:154 Resp: 1524

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

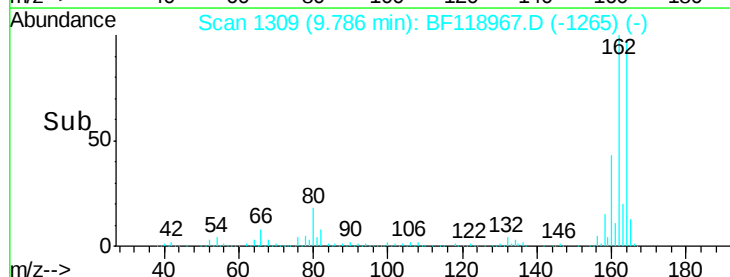
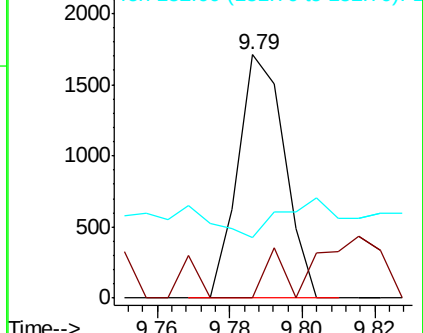
152 24.8 42.9 64.3#

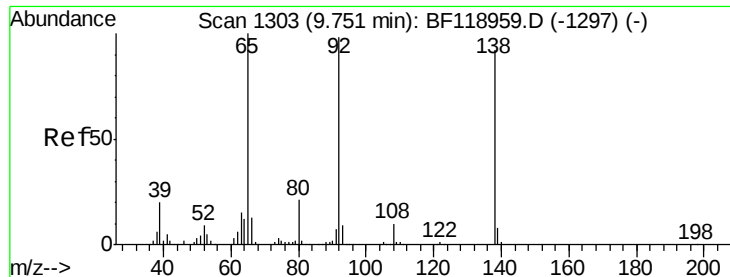


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

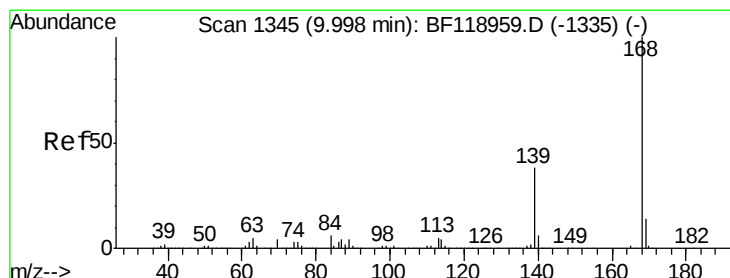
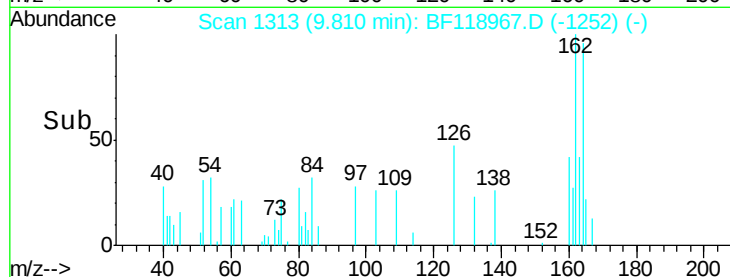
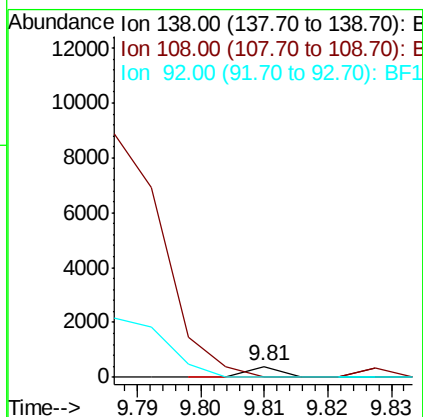
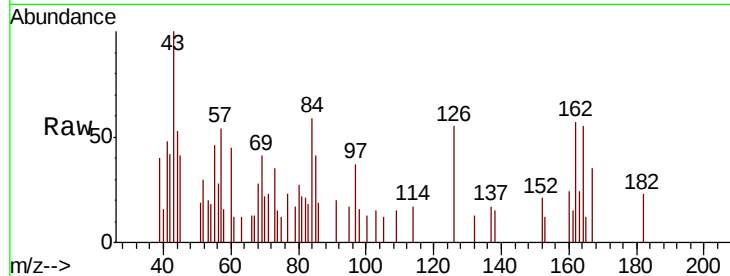




#53
3-Nitroaniline
Concen: 0.020 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.06 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

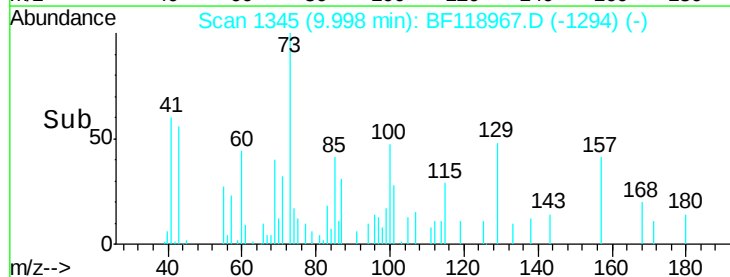
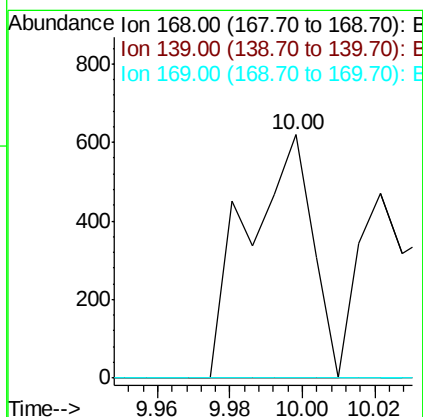
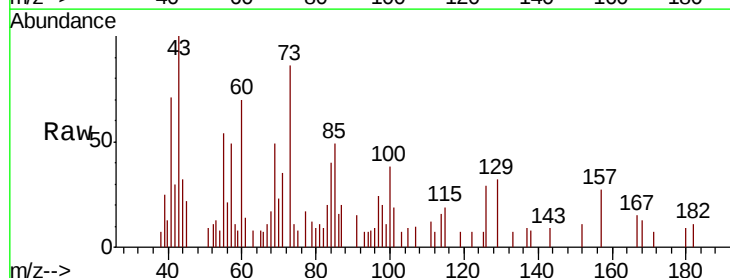
Instrument :
BNA_F
ClientSampleId :

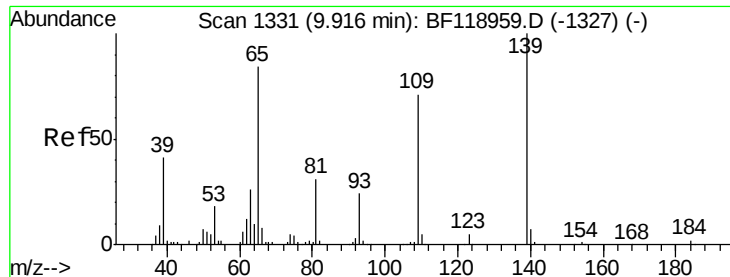
Tot Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 84.6 127.0#



#55
Dibenzofuran
Concen: 0.024 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion:168 Resp: 770
Ion Ratio Lower Upper
168 100
139 0.0 31.7 47.5#
169 0.0 11.0 16.4#





#56

4-Nitrophenol

Concen: 0.029 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampled :

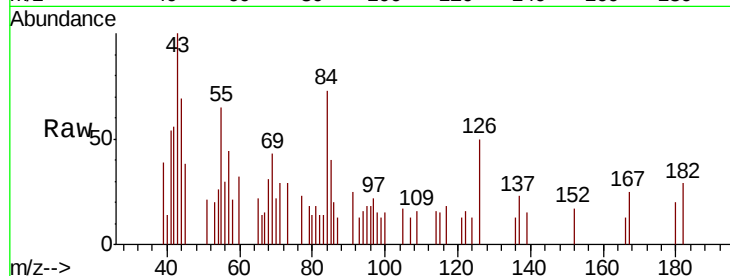
Tot Ion:139 Resp: 125

Ion Ratio Lower Upper

139 100

109 103.9 51.1 91.1#

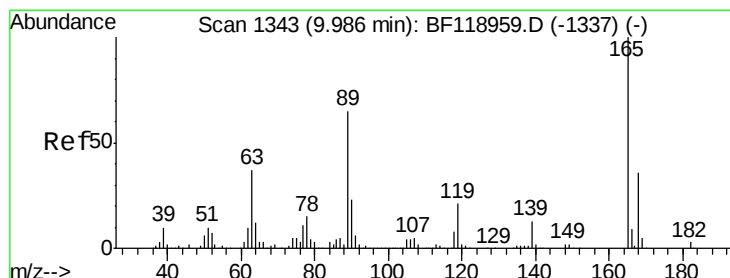
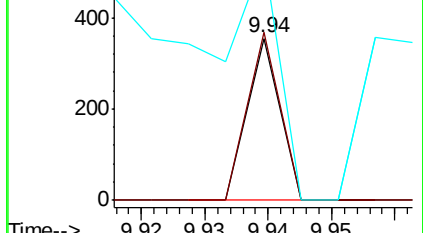
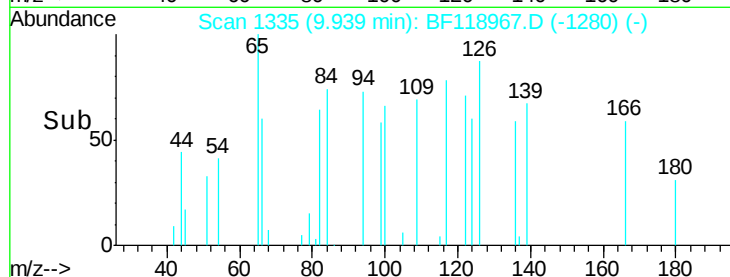
65 150.1 64.7 104.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 0.530 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.08 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Tgt Ion:165 Resp: 4443

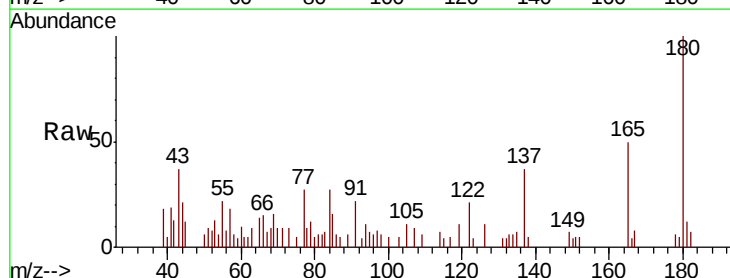
Ion Ratio Lower Upper

165 100

63 18.8 29.8 44.8#

89 12.5 51.9 77.9#

182 13.5 2.3 3.5#

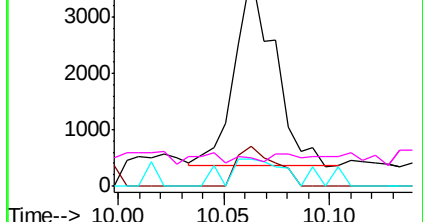
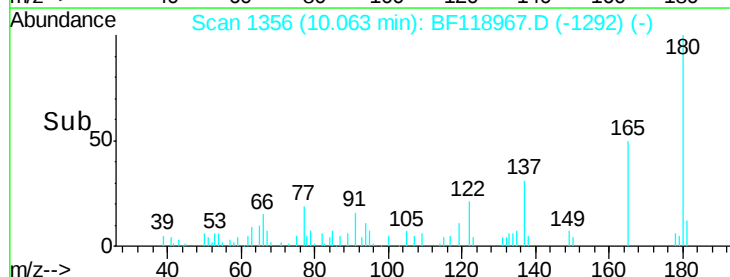


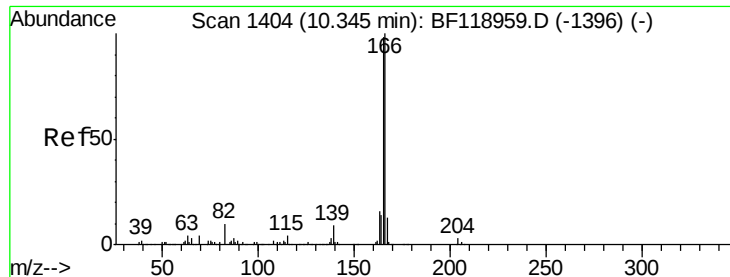
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.715 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.23 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

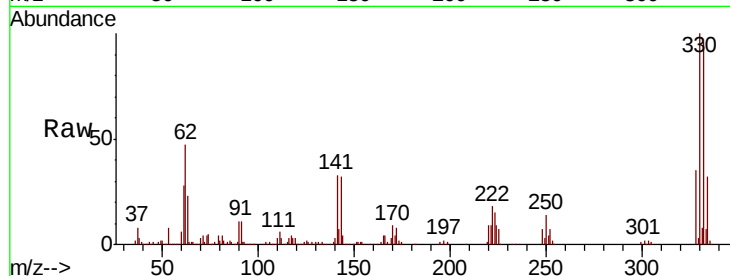
Tot Ion:166 Resp: 17891

Ion Ratio Lower Upper

166 100

165 103.4 78.2 117.4

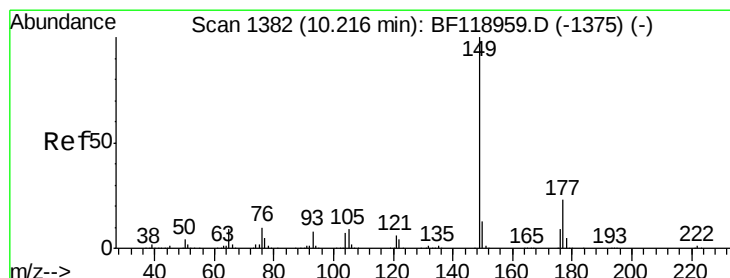
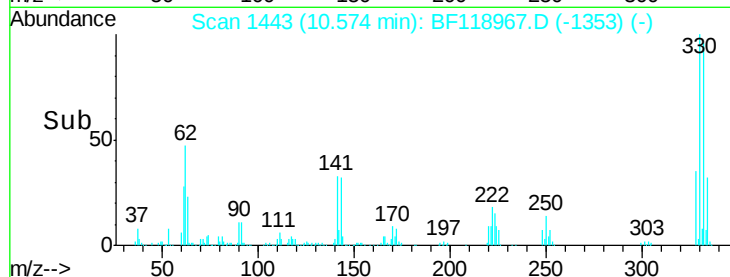
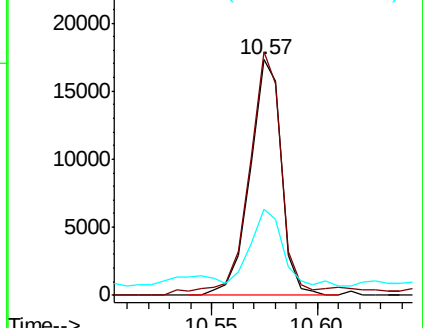
167 36.4 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.069 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

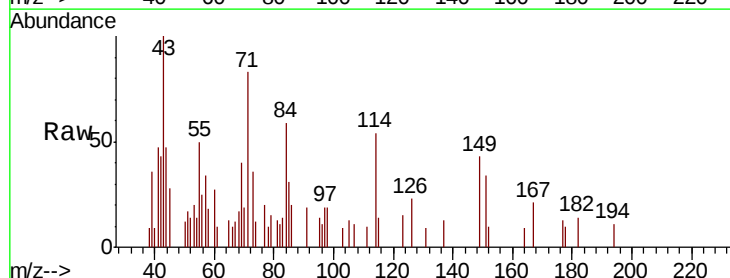
Tgt Ion:149 Resp: 1896

Ion Ratio Lower Upper

149 100

177 30.6 18.1 27.1#

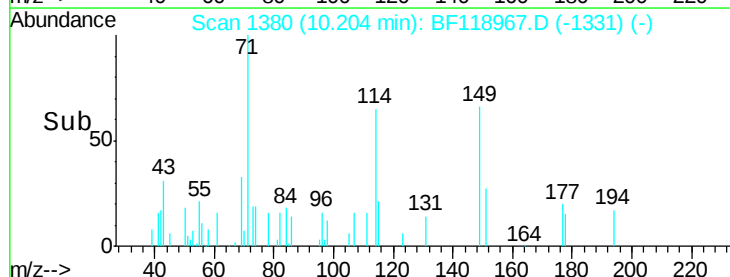
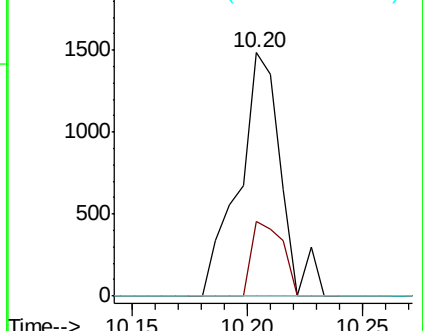
150 0.0 10.4 15.6#

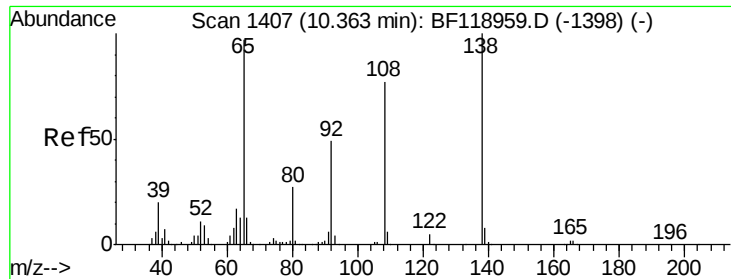


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 0.076 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.26 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

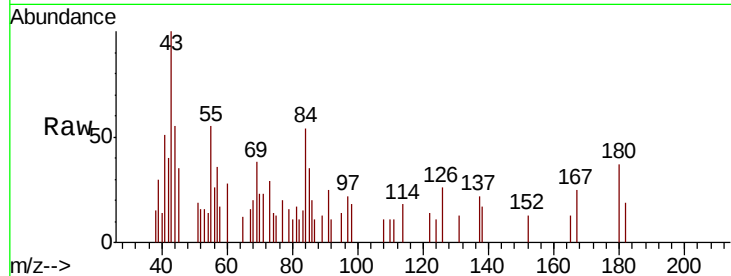
Tot Ion:138 Resp: 558

Ion Ratio Lower Upper

138 100

92 64.6 28.7 68.7

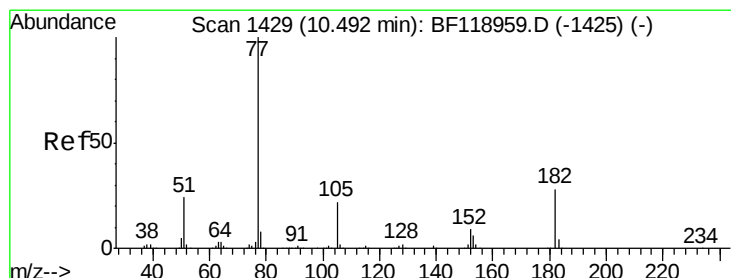
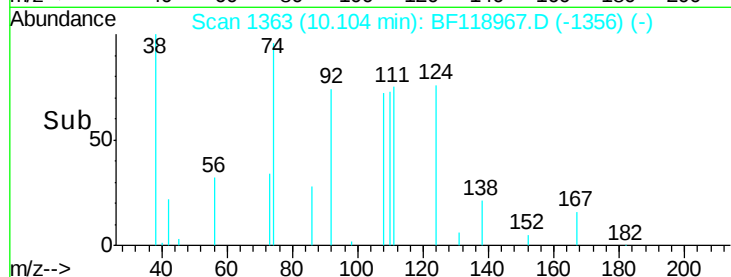
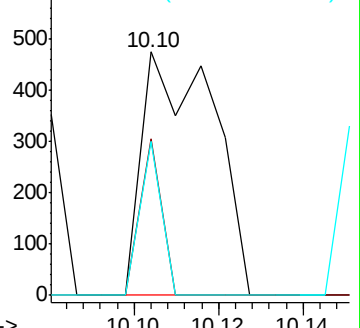
108 63.5 56.8 96.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.010 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Tgt Ion: 77 Resp: 247

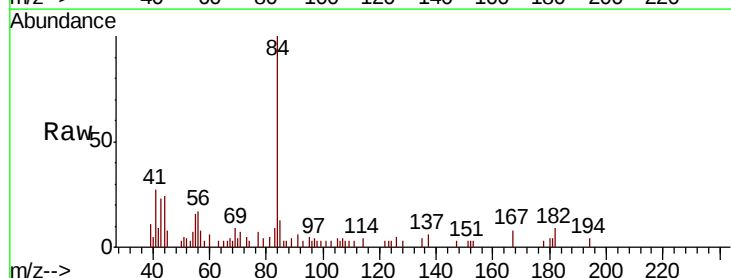
Ion Ratio Lower Upper

77 100

182 125.4 8.2 48.2#

105 58.5 2.3 42.3#

51 67.3 3.6 43.6#

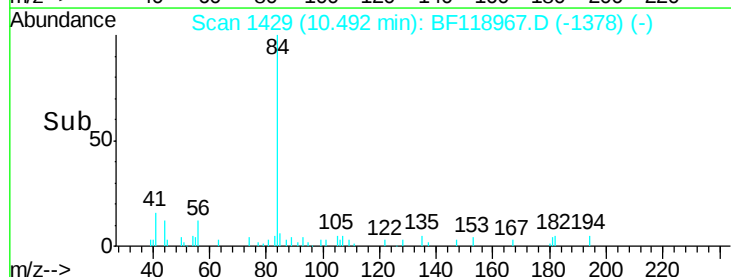
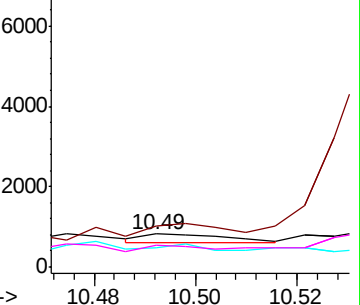


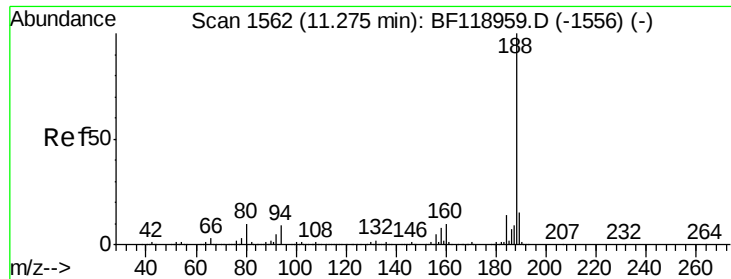
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

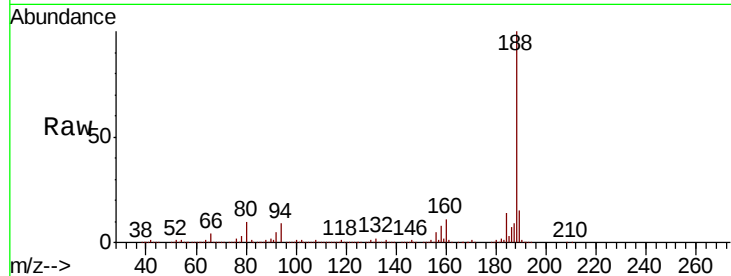
Tot Ion:188 Resp: 699310

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

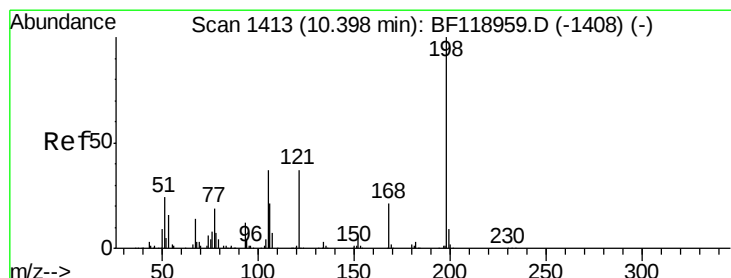
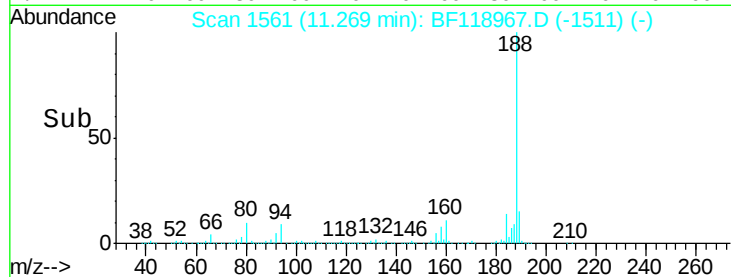
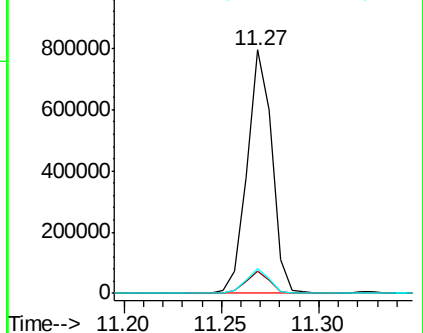
80 10.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 0.294 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.18 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

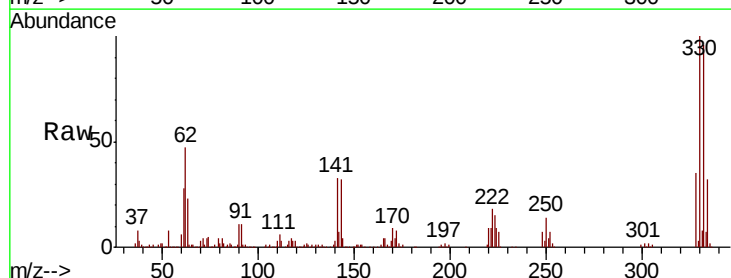
Tgt Ion:198 Resp: 1245

Ion Ratio Lower Upper

198 100

51 132.6 7.1 47.1#

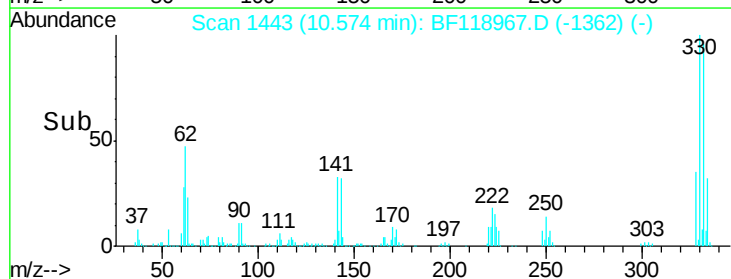
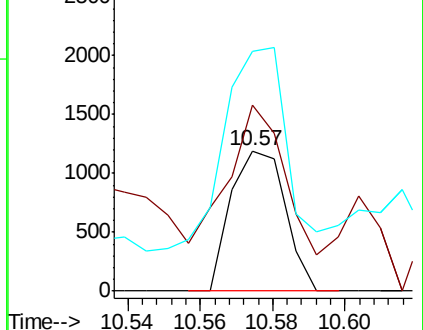
105 171.0 18.3 58.3#

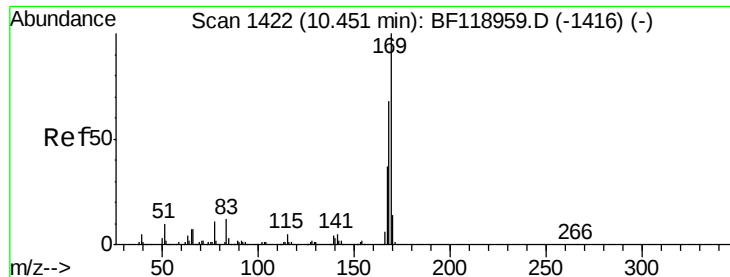


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

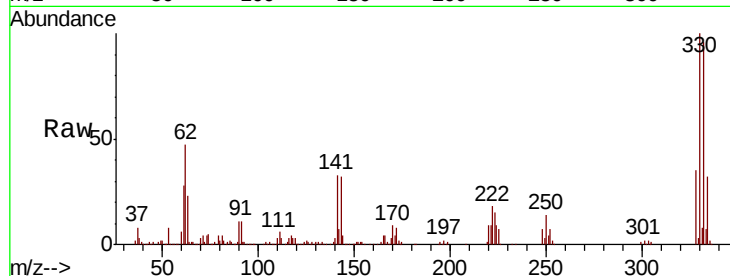




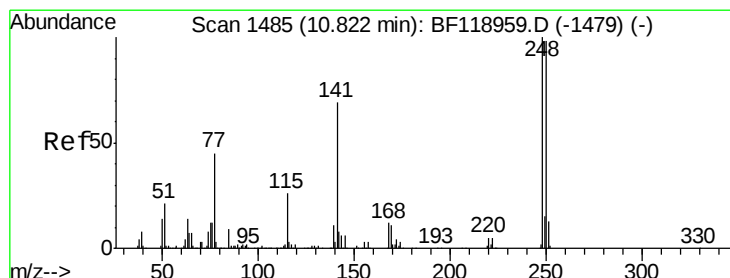
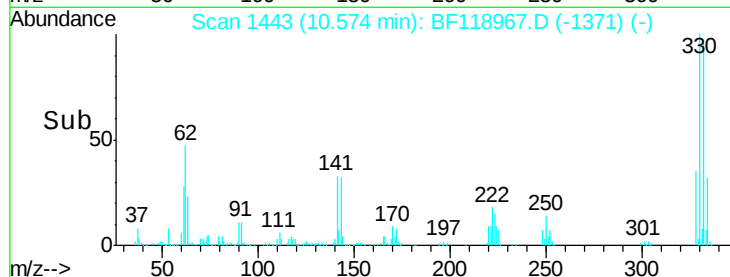
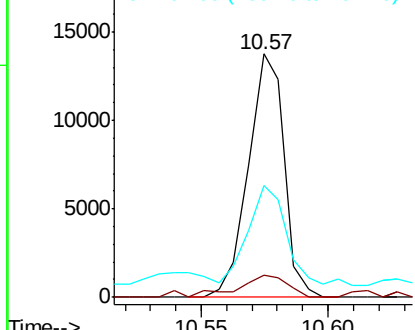
#66
n-Nitrosodiphenylamine
Concen: 0.588 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.12 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 13475
Ion Ratio Lower Upper
169 100
168 9.0 54.2 81.2#
167 45.8 29.4 44.2#

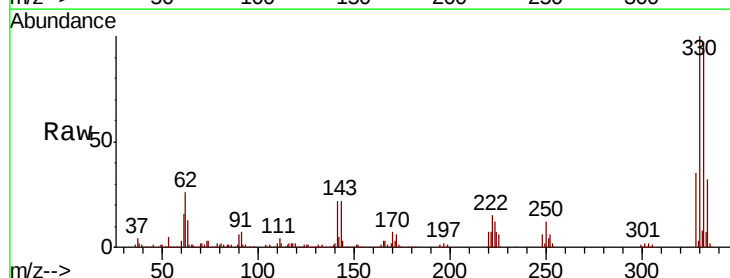


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

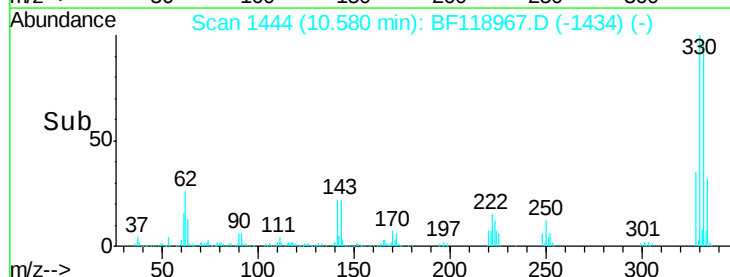
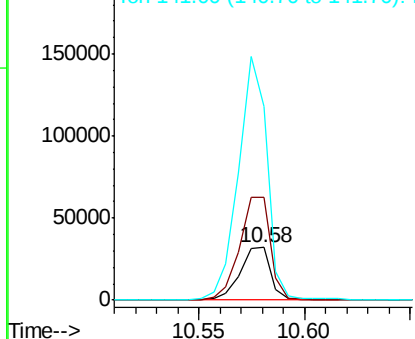


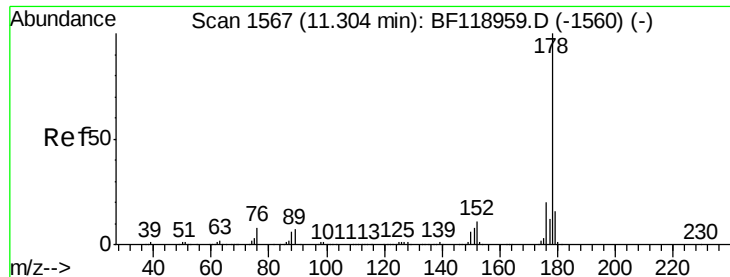
#67
4-Bromophenyl-phenylether
Concen: 3.524 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

Tgt Ion:248 Resp: 32209
Ion Ratio Lower Upper
248 100
250 195.8 78.8 118.2#
141 366.3 55.3 82.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 0.034 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

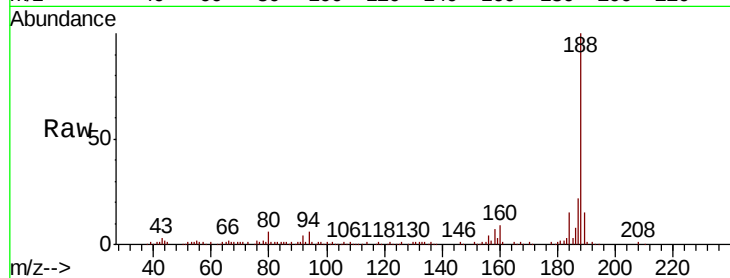
Tot Ion:178 Resp: 1305

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 46.6 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.28

600

400

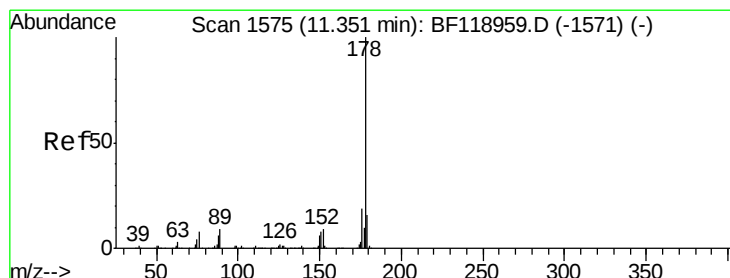
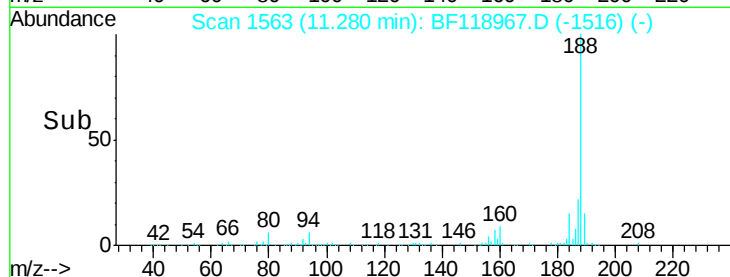
200

0

11.25

11.30

Time-->



#72

Anthracene

Concen: 0.013 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

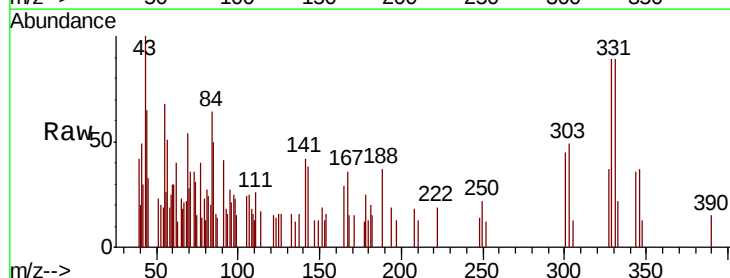
Tgt Ion:178 Resp: 478

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.34

600

400

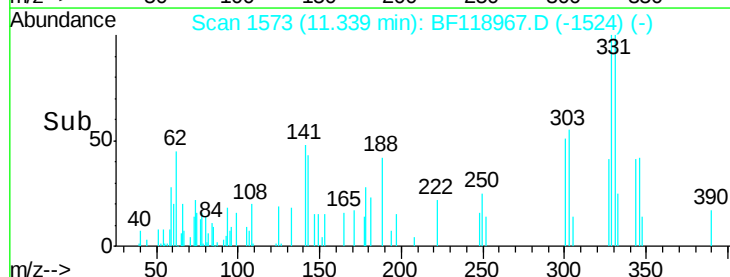
200

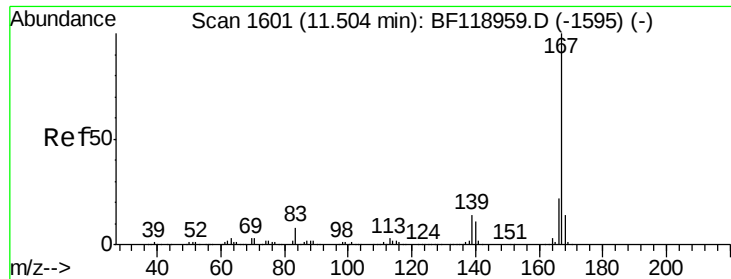
0

11.32

11.36

Time-->

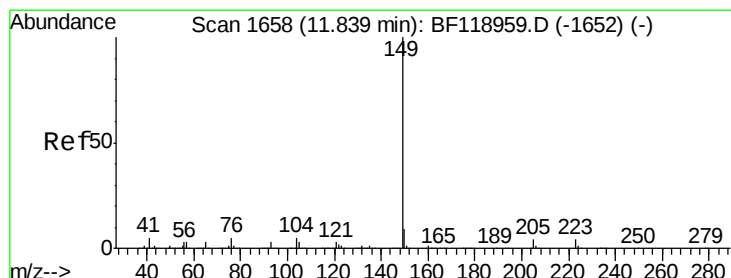
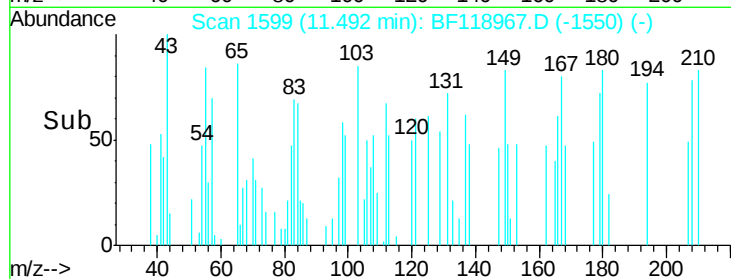
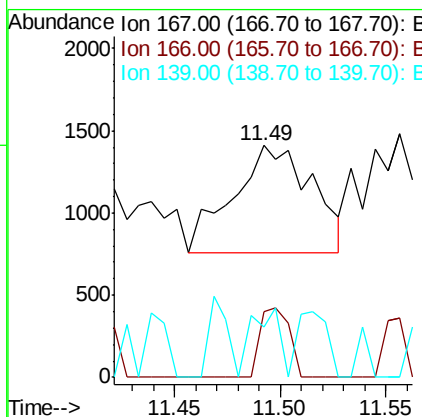
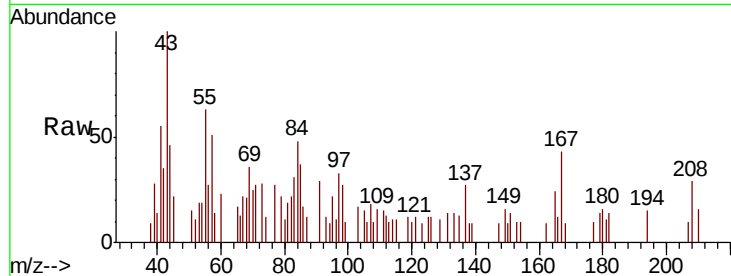




#73
 Carbazole
 Concen: 0.050 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

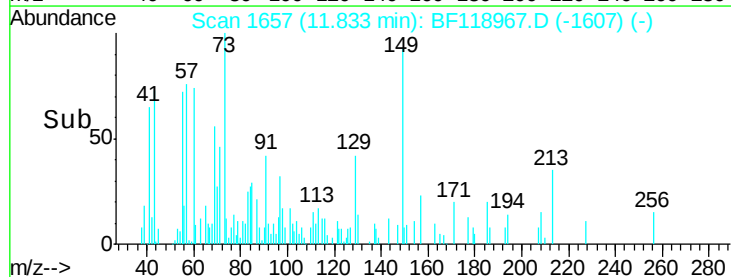
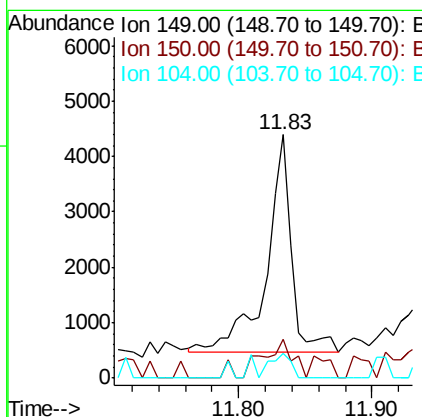
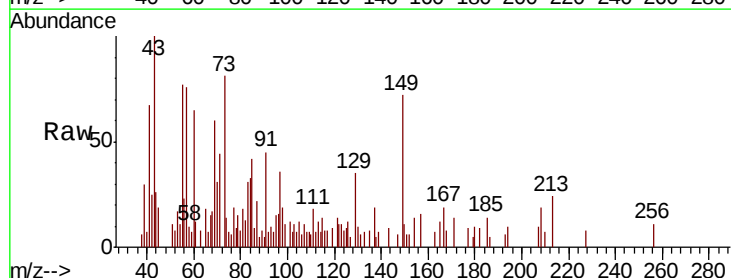
Instrument :
 BNA_F
 ClientSampleId :

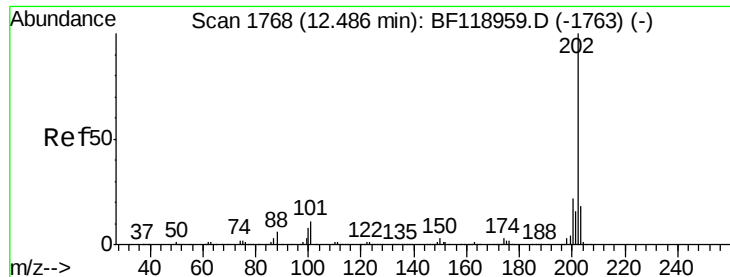
Tot Ion:167 Resp: 1699
 Ion Ratio Lower Upper
 167 100
 166 28.1 17.8 26.6#
 139 21.6 11.2 16.8#



#74
 Di-n-butylphthalate
 Concen: 0.126 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Tgt Ion:149 Resp: 5183
 Ion Ratio Lower Upper
 149 100
 150 15.7 7.5 11.3#
 104 10.4 4.0 6.0#





#75

Fluoranthene

Concen: 0.013 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

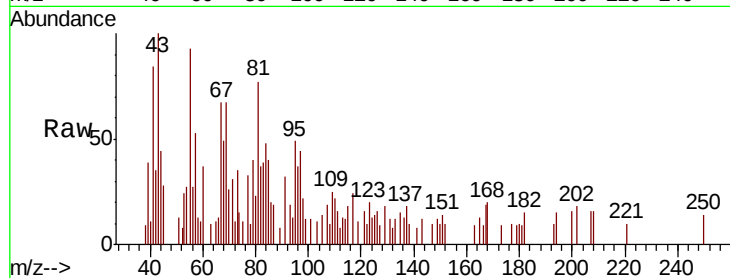
Tot Ion:202 Resp: 514

Ion Ratio Lower Upper

202 100

101 68.1 0.0 31.1#

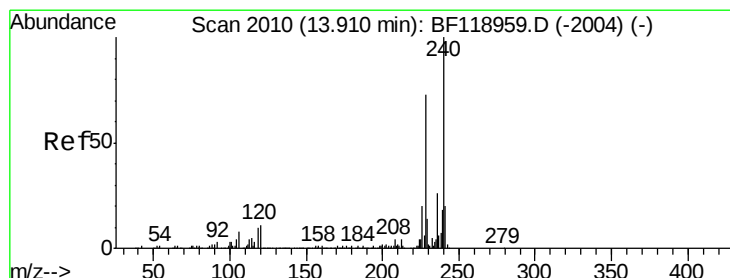
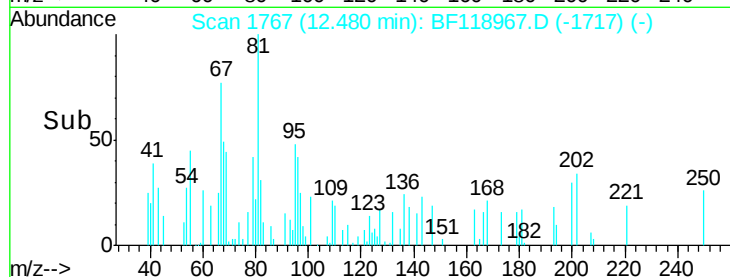
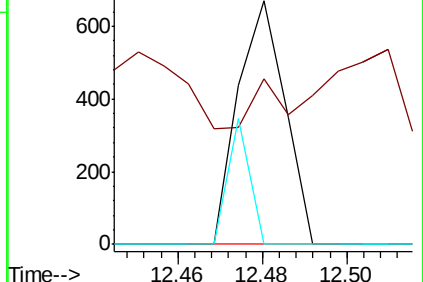
203 0.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

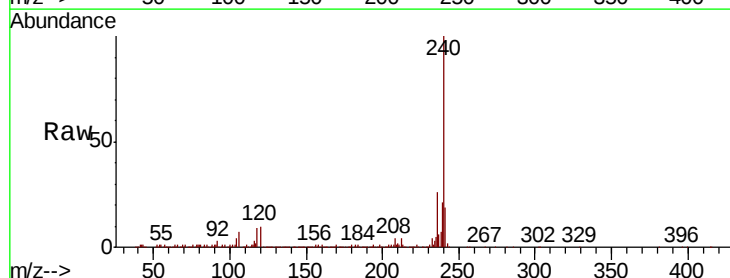
Tgt Ion:240 Resp: 465402

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

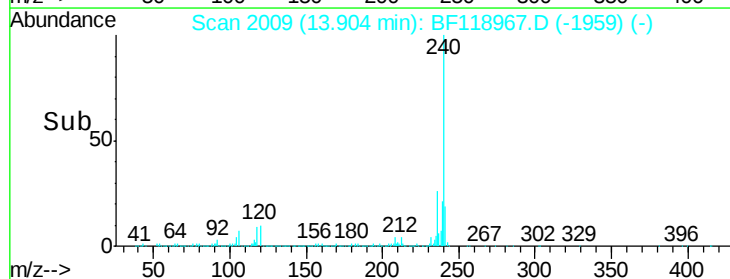
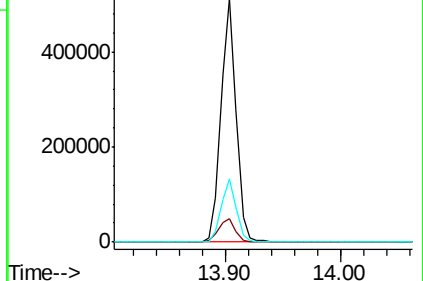
236 25.8 20.6 30.8

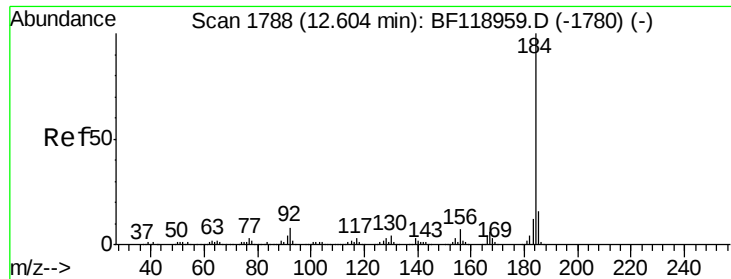


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.490 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.25 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

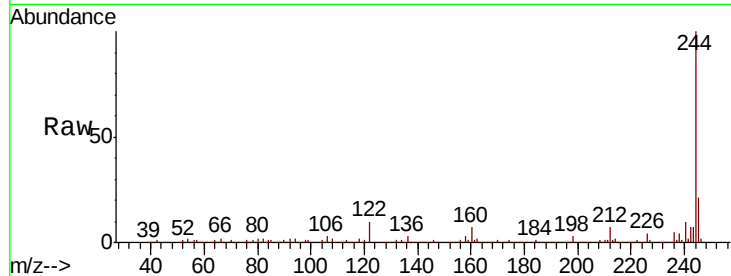
Tot Ion:184 Resp: 28211

Ion Ratio Lower Upper

184 100

185 16.2 12.6 19.0

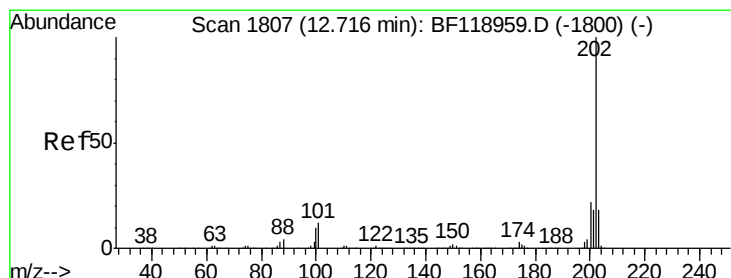
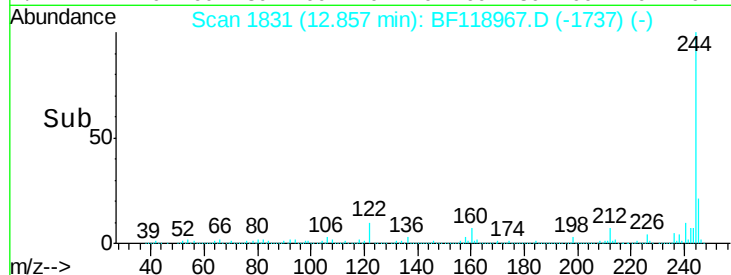
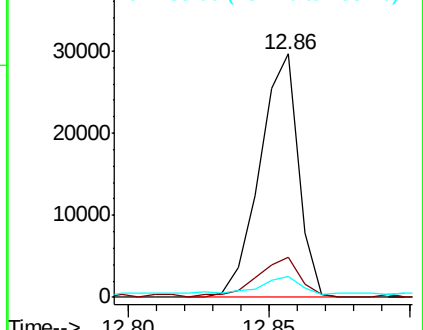
183 8.4 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.016 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

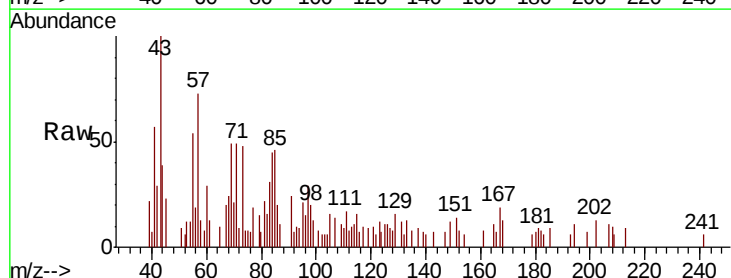
Tgt Ion:202 Resp: 605

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.0#

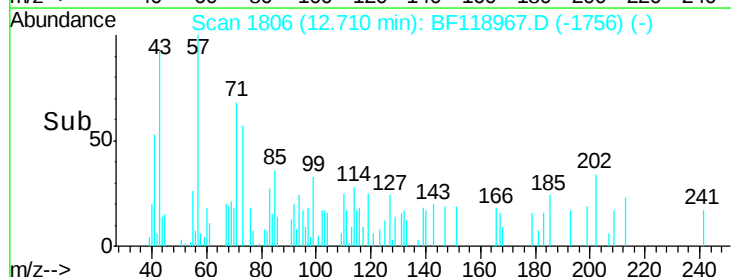
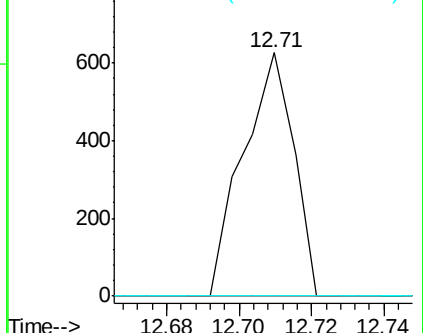
203 0.0 14.5 21.7#

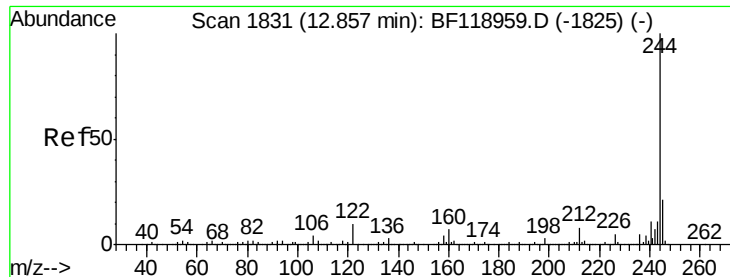


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.661 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

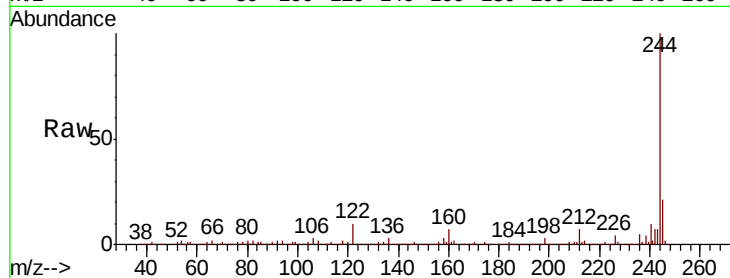
Tot Ion:244 Resp: 2072300

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.86

2500000

2000000

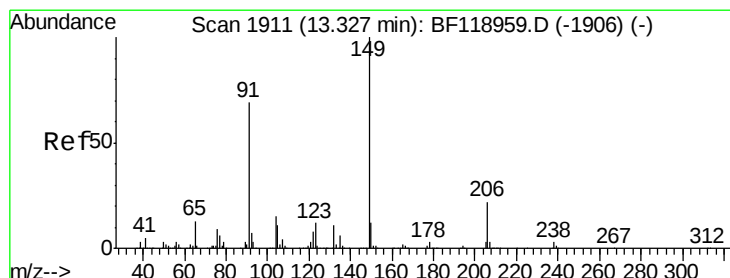
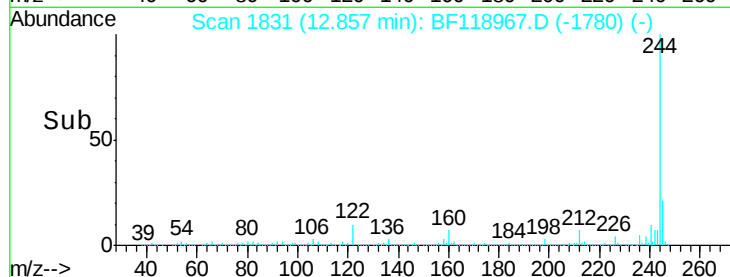
1500000

1000000

500000

0

Time-->



#80

Butylbenzylphthalate

Concen: 0.039 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

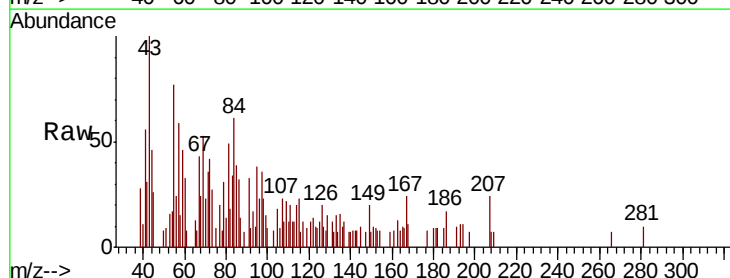
Tgt Ion:149 Resp: 621

Ion Ratio Lower Upper

149 100

91 169.4 55.4 83.2#

206 0.0 17.7 26.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

2000

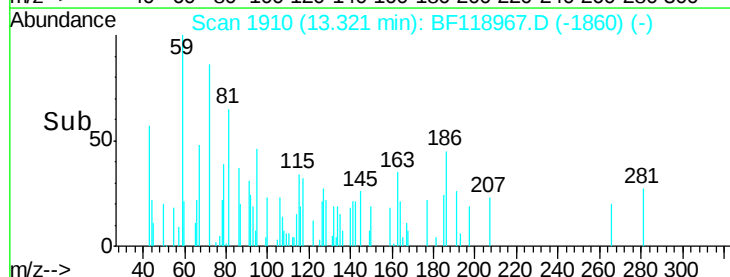
1500

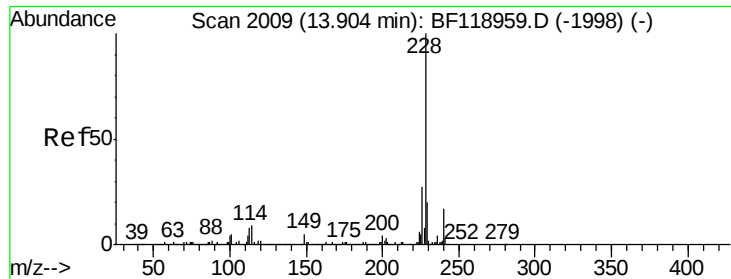
1000

500

0

Time-->





#81

Benzo(a)anthracene

Concen: 0.092 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

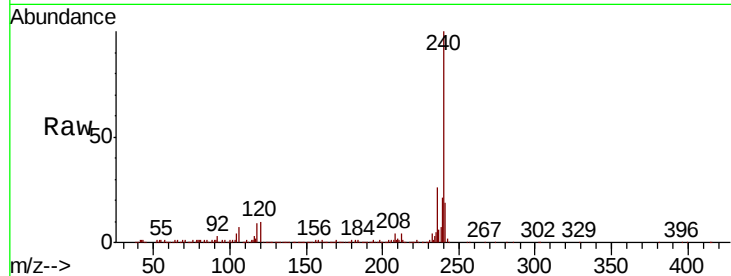
Tot Ion:228 Resp: 2923

Ion Ratio Lower Upper

228 100

226 18.9 21.8 32.8#

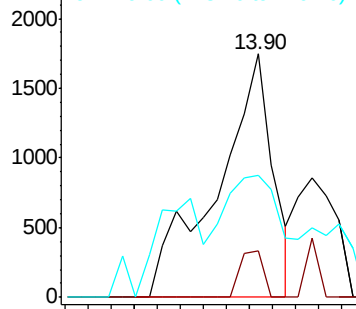
229 50.3 16.0 24.0#



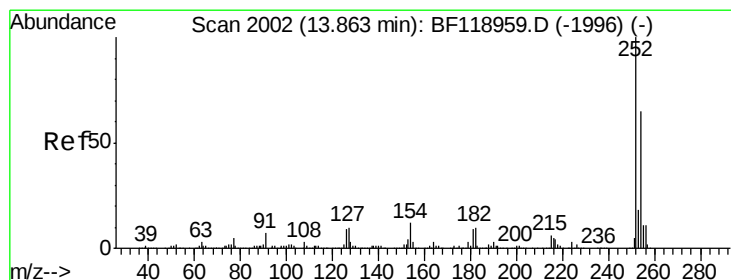
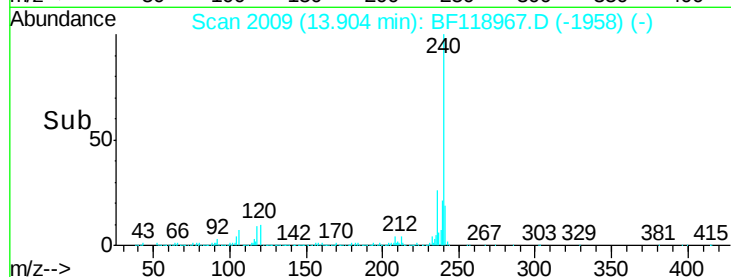
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.028 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.11 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

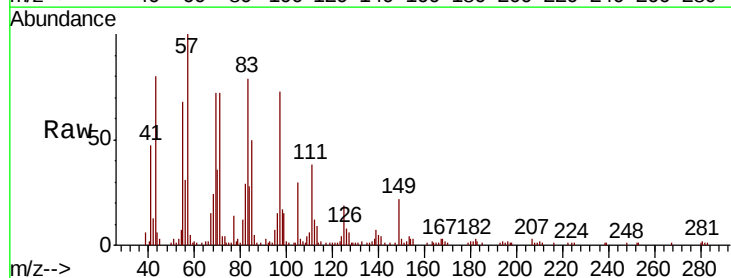
Tgt Ion:252 Resp: 345

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

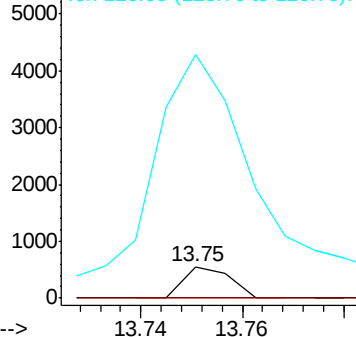
126 781.9 7.3 10.9#



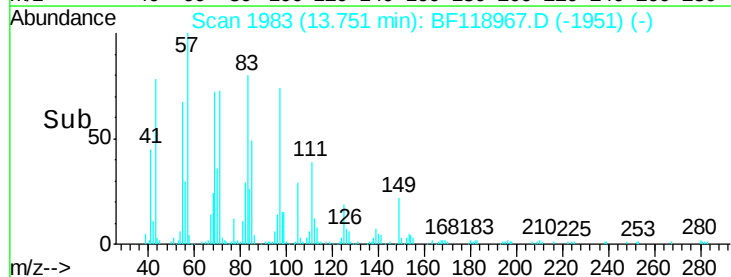
Abundance Ion 252.00 (251.70 to 252.70): E

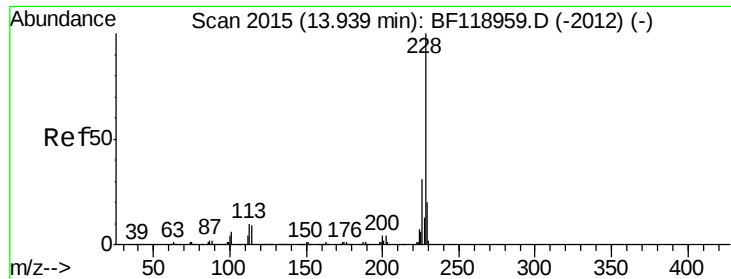
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrvsene

Concen: 0.093 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

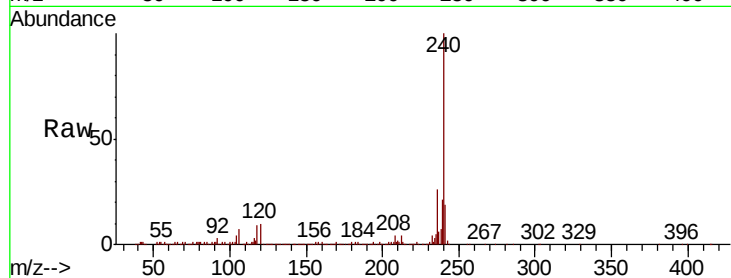
Tot Ion:228 Resp: 2923

Ion Ratio Lower Upper

228 100

226 18.9 24.6 37.0#

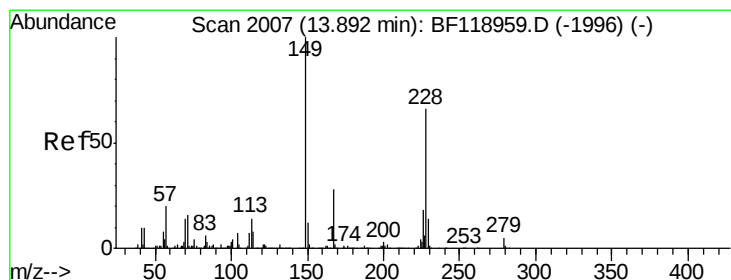
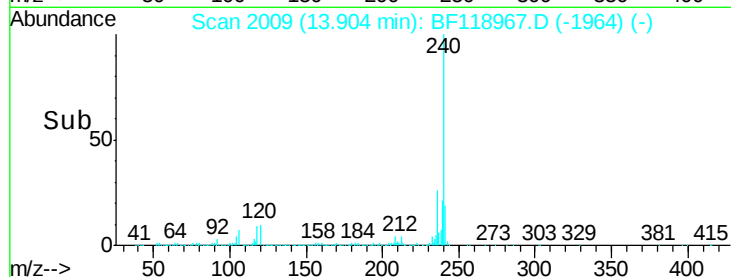
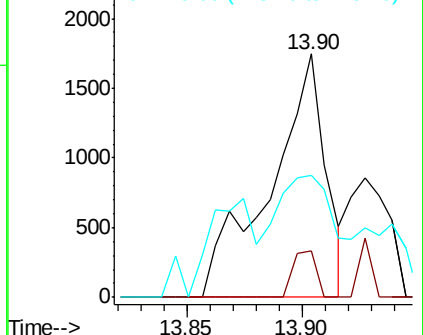
229 50.3 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.272 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

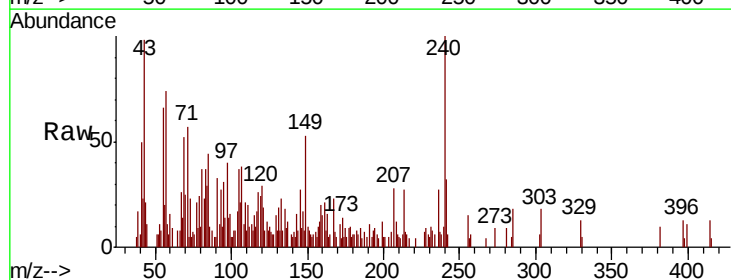
Tgt Ion:149 Resp: 5414

Ion Ratio Lower Upper

149 100

167 42.9 22.3 33.5#

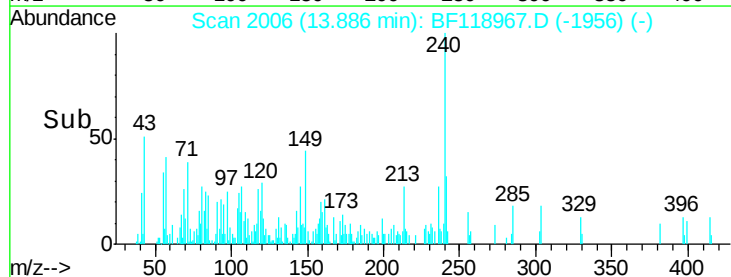
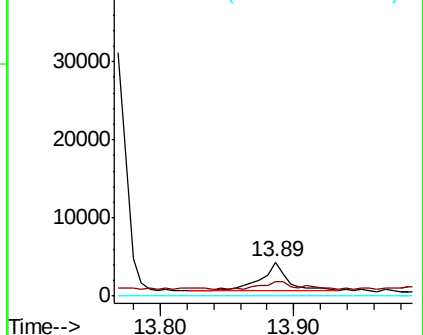
279 0.0 4.2 6.4#

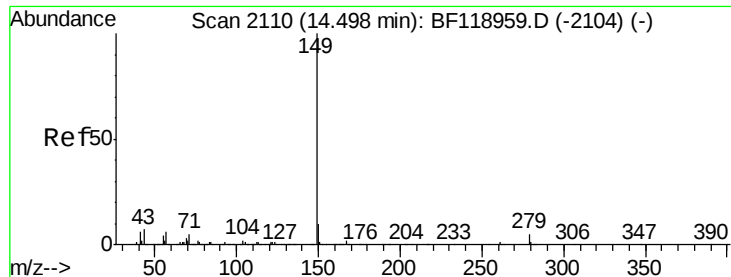


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.021 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

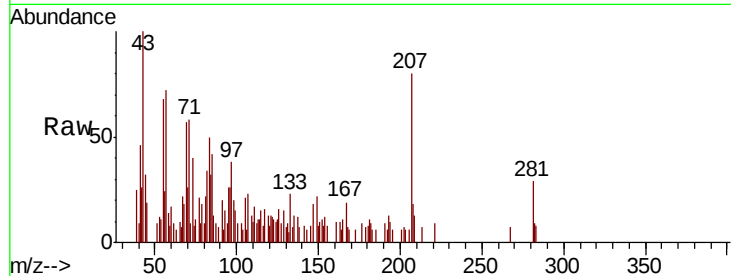
Tot Ion:149 Resp: 678

Ion Ratio Lower Upper

149 100

167 21.2 1.3 1.9#

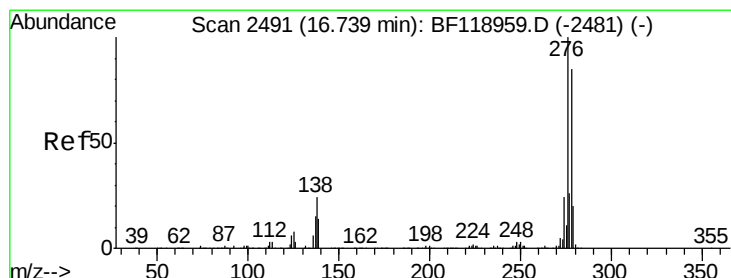
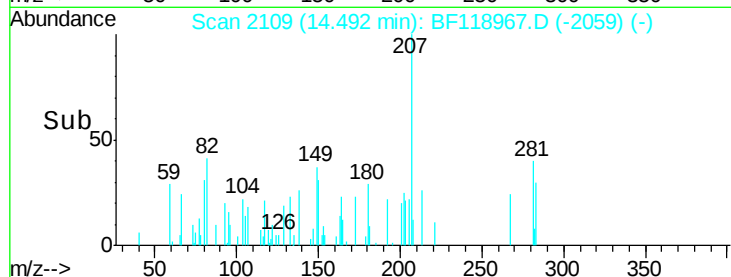
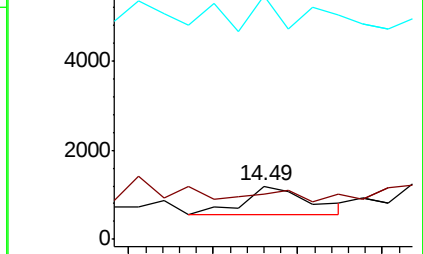
43 0.0 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.019 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

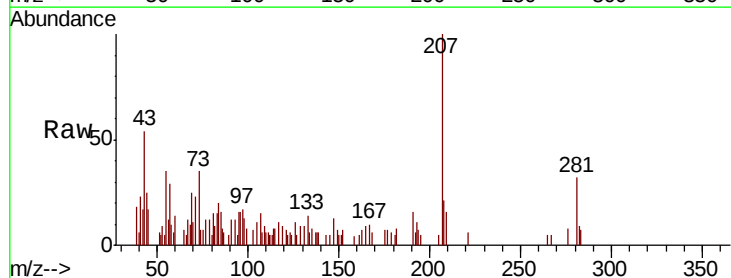
Tgt Ion:276 Resp: 572

Ion Ratio Lower Upper

276 100

138 62.6 18.7 28.1#

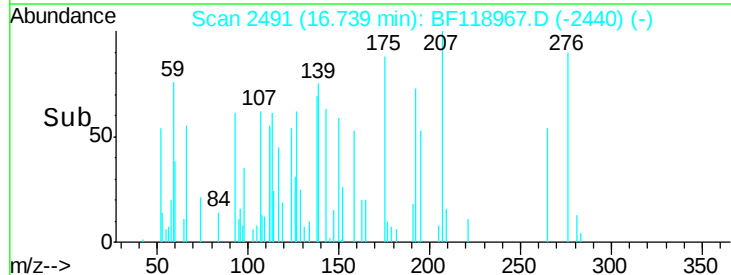
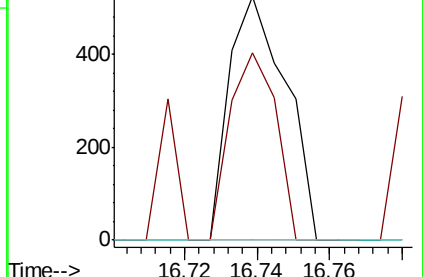
277 0.0 20.3 30.5#

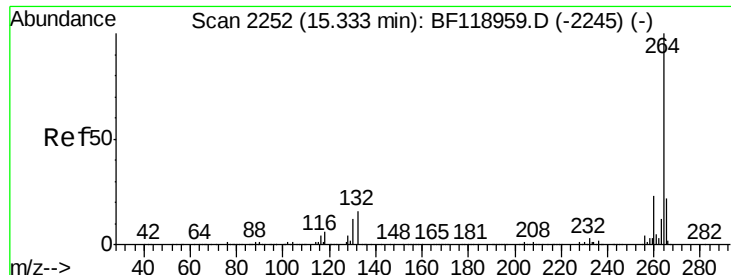


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



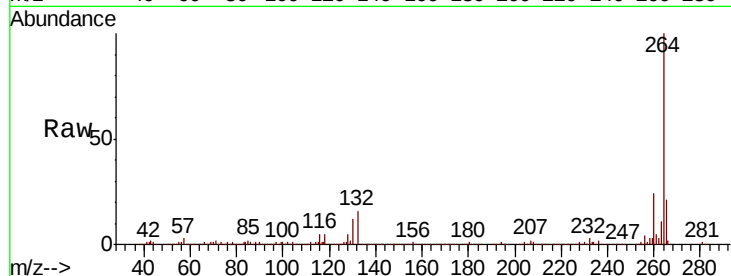


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

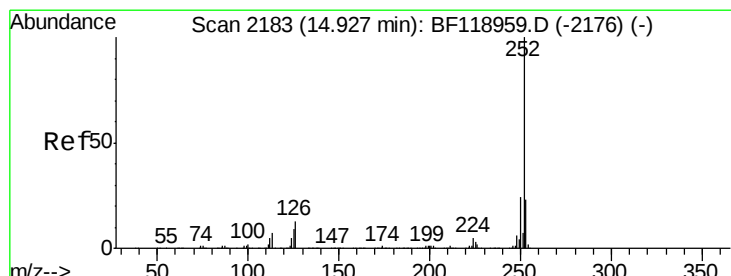
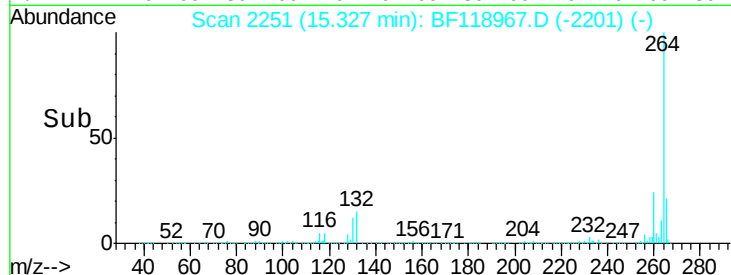
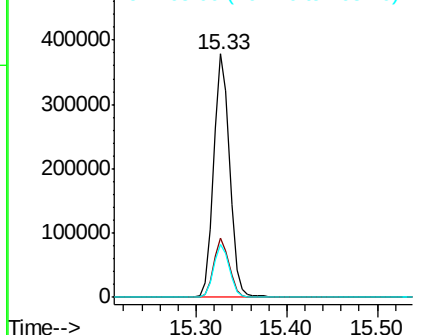
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 463371

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.5	17.3	25.9



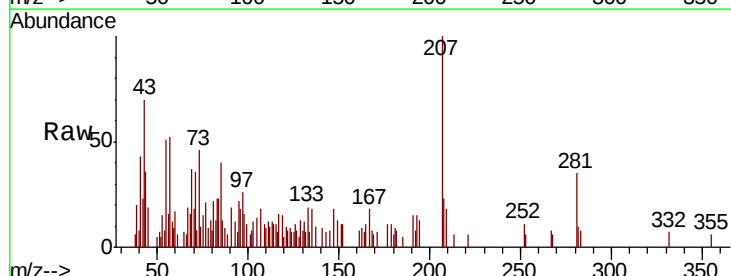
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



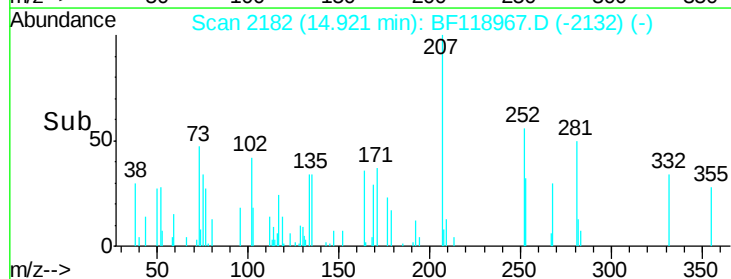
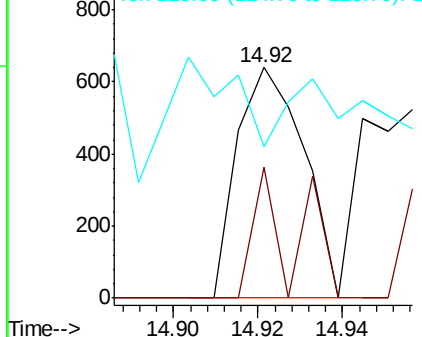
#88
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF118967.D
Acq: 20 Feb 2020 19:13

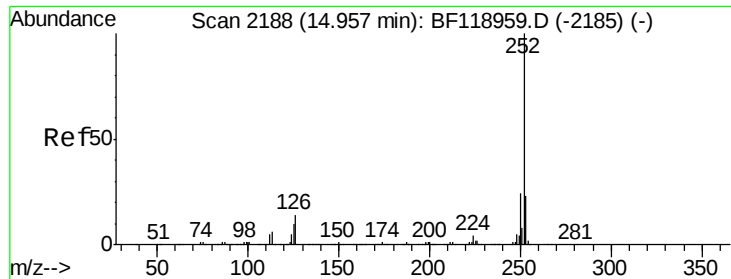
Tgt Ion:252 Resp: 701

Ion	Ratio	Lower	Upper
252	100		
253	56.7	18.2	27.2#
125	65.9	7.4	11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.019 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

Instrument :

BNA_F

ClientSampleId :

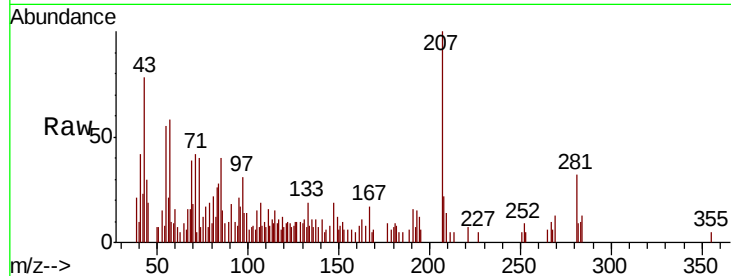
Tot Ion:252 Resp: 524

Ion Ratio Lower Upper

252 100

253 58.0 17.9 26.9#

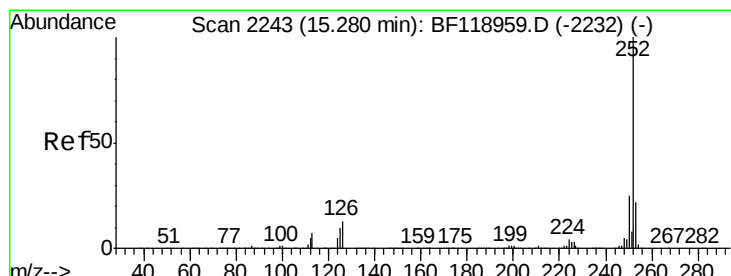
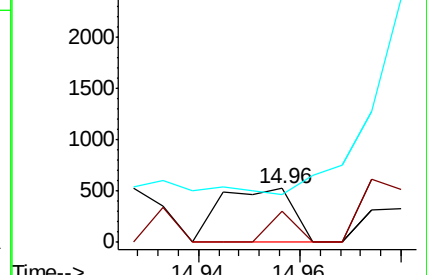
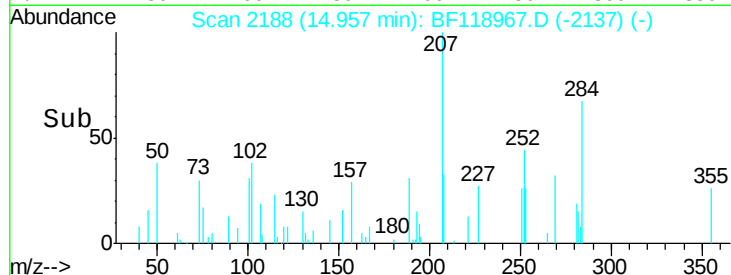
125 89.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.009 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF118967.D

Acq: 20 Feb 2020 19:13

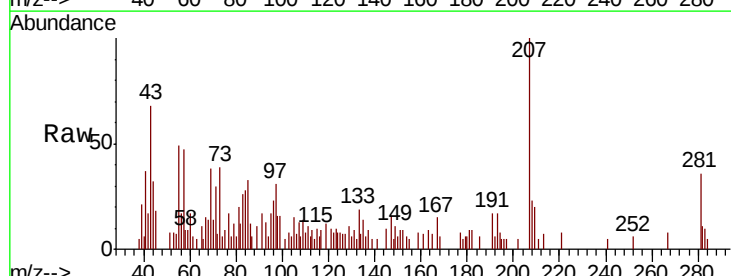
Tgt Ion:252 Resp: 245

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

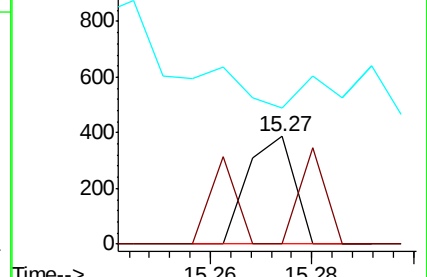
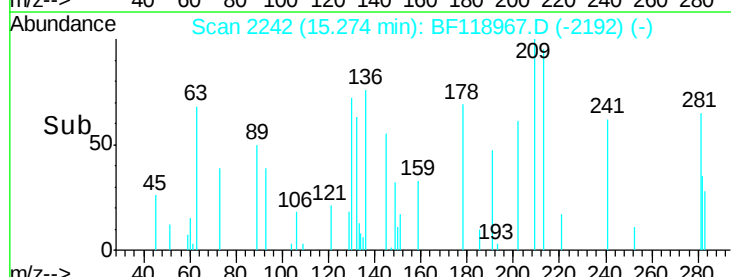
125 126.1 7.8 11.6#

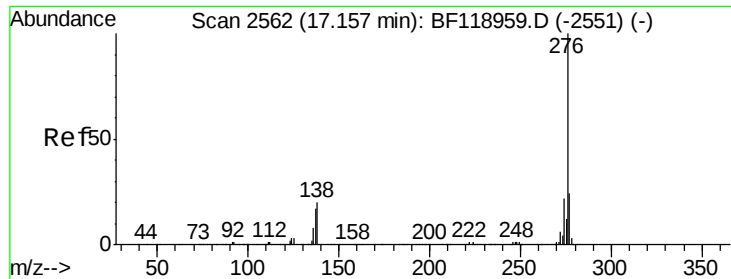


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

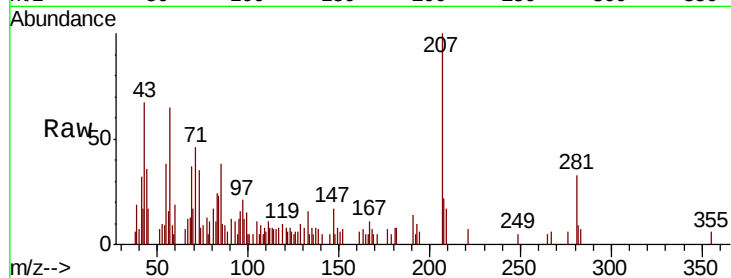




#92
 Benzo(a,h,i)perylene
 Concen: 0.028 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BF118967.D
 Acq: 20 Feb 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.2	28.8
138	0.0	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

